

REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOT

LEARNING NODE.JS JAVASCRIPT FOR MODERN WEB DEVELOPMENT JAVASCRIPT WEB APPLICATIONS REAL-WORLD NEXT.JS PRO JAVASCRIPT FOR WEB APPS WEB APP TESTING USING KNOCKOUT.JS HTML5 AND JAVASCRIPT WEB APPS MASTERING WEB APPLICATION DEVELOPMENT WITH EXPRESS HANDS-ON JAVASCRIPT HIGH PERFORMANCE WEB DEVELOPMENT WITH MONGODB AND NODE.JS ULTIMATE NUXT.JS FOR FULL-STACK WEB APPLICATIONS: BUILD PRODUCTION-GRADE SERVER-SIDE RENDERING (SSR) AND STATIC-SITE GENERATED (SSG) VUE.JS APPLICATIONS USING NUXT.JS, NODE.JS, AND COMPOSITION API NODE.JS WEB APP DEVELOPMENT WEB DEVELOPMENT ON NETLIFY GETTING STARTED WITH RETHINKDB BUILDING SCALABLE APPS WITH REDIS AND NODE.JS MEAN WEB DEVELOPMENT BUILDING PRODUCTION-READY WEB APPS WITH NODE.JS FULL-STACK REACT, TYPESCRIPT, AND NODE SINGLE PAGE WEB APPLICATIONS WRITE MODERN WEB APPS WITH THE MEAN STACK MARC WANDSCHNEIDER ALOK SINHA RANJAN, ABHILASHA BATTEWAD RANJIT ALEX MACCAW MICHELE RIVA ADAM FREEMAN ROBERTO MESSORA WESLEY HALES ALEXANDRU VLADU JUSTIN SCHERER MITHUN SATHEESH LAU TIAM DANIEL GREEN EKENE EZE GIANLUCA TIEPOLO JOSHUA JOHANAN AMOS Q. HAVIV GIREESH PUNATHIL DAVID CHOI MICHAEL MIKOWSKI JEFF DICKEY

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LEARNING NODE JS A HANDS ON GUIDE TO BUILDING APPLICATIONS IN JAVASCRIPT NODE JS MAKES IT FAR EASIER TO CREATE FAST COMPACT AND RELIABLE WEB NETWORK APPLICATIONS AND WEB SERVERS AND IS RAPIDLY BECOMING INDISPENSABLE TO MODERN WEB DEVELOPERS LEARNING NODE JS BRINGS TOGETHER THE KNOWLEDGE AND JAVASCRIPT CODE YOU NEED TO BUILD MASTER THE NODE JS PLATFORM AND BUILD SERVER SIDE APPLICATIONS WITH EXTRAORDINARY SPEED AND SCALABILITY YOU LL START BY INSTALLING AND RUNNING NODE JS UNDERSTANDING THE EXTENSIONS IT USES AND QUICKLY WRITING YOUR FIRST APP NEXT BUILDING ON THE BASICS YOU LL WRITE MORE CAPABLE APPLICATION SERVERS AND EXTEND THEM WITH TODAY S MOST POWERFUL NODE JS TOOLS AND MODULES FINALLY YOU LL DISCOVER TODAY S BEST PRACTICES FOR TESTING RUNNING NODE JS CODE ON PRODUCTION SERVERS AND WRITING COMMAND LINE UTILITIES THROUGHOUT THE BOOK AUTHOR MARC WANDSCHNEIDER TEACHES BY WALKING YOU LINE BY LINE THROUGH CAREFULLY CRAFTED EXAMPLES DEMONSTRATING PROVEN TECHNIQUES FOR CREATING HIGHLY EFFICIENT APPLICATIONS AND SERVERS BUILD NODE JS SOLUTIONS THAT LEVERAGE YOUR CURRENT JAVASCRIPT SKILLS MASTER NODE JS NONBLOCKING IO AND ASYNC PROGRAMMING HANDLE MORE REQUESTS AND INCREASE YOUR APPLICATION S FLEXIBILITY USE AND WRITE YOUR OWN MODULES PERFORM COMMON JSON WEB SERVER TASKS USE BROWSERS TO GENERATE PAGES ON THE FLY VIA AJAX CALLS AND TEMPLATE LIBRARIES SIMPLIFY DEVELOPMENT WITH THE EXPRESS FRAMEWORK CREATE DATABASE BACK ENDS USING POPULAR NOSQL AND RELATIONAL DATABASES DEPLOY AND RUN NODE JS APPS ON UNIX OS X OR WINDOWS SERVERS TAKE ADVANTAGE OF MULTIPROCESSOR HARDWARE SUPPORT VIRTUAL

HOSTS AND SSL HTTPS SECURITY TEST NODE JS PROGRAMS THAT MIX SYNCHRONOUS ASYNC AND RESTFUL SERVER API FUNCTIONALITY

BEGINNER TO EXPERT IN DEVELOPMENT WITH JAVASCRIPT FROM HTML TO REACT REDUX KEY FEATURES A ACQUIRE WEB DEVELOPMENT SKILLS TO BUILD INDEPENDENT APPLICATIONS A UNDERSTAND THE BASICS OF HTML CSS JAVASCRIPT REACT AND REDUXA CREATE BUILD BEAUTIFUL APPLICATIONS USING HTML CSS JAVASCRIPT REACT AND REDUXA LEARN HOW TO DEBUG AND UNIT TEST YOUR APPLICATIONS PROPERLY TO BUILD GOOD END PRODUCTS A FOLLOW BEST PRACTICES TO WRITE GOOD QUALITY CODE AND BUILD PERFORMANT APPLICATIONS DESCRIPTION THIS BOOK WILL TAKE YOU ON A COMPLETE JOURNEY OF LEARNING WEB DEVELOPMENT STARTING RIGHT WITH THE BASICS THE BOOK BEGINS WITH THE HISTORY OF WEB DEVELOPMENT AND JAVASCRIPT HOW IT HAS EVOLVED OVER THESE YEARS AND HOW IT STILL KEEPS GROWING WITH NEW FEATURES NEXT YOU WILL LEARN THE BASIC PILLARS OF WEB DEVELOPMENT HTML CSS AND JAVASCRIPT YOU WILL LEARN ABOUT THE FUNCTIONAL OBJECT ORIENTED PROGRAMMING AND ASYNCHRONOUS BEHAVIOUR AND HOW JAVASCRIPT PROVIDES FOR THESE EMPOWERED WITH THE BASICS YOU WILL PROCEED TO LEARN THE NEW FEATURES OF JAVASCRIPT ES2015 AND THE LATEST ES2019 NEXT YOU WILL APPLY YOUR LEARNING TO BUILD A REAL APPLICATION TO SEE HOW THE TAKES SHAPE AT THE END YOU WILL ALSO HAVE AN INTRODUCTORY SECTION ON REACTJS ONE OF THE MODERN FRAMEWORKS FOR UI DEVELOPMENT AND ALSO DEVELOP A SIMPLE WEATHER APPLICATION USING REACT YOU WILL BE INTRODUCED TO REDUX AS THE STATE CONTAINER FOR REACT APPLICATIONS THIS BOOK WILL CONCLUDE WITH AN INTRODUCTORY LOOK AT ADDITIONAL TOPICS WHICH CAN BE TAKEN UP TO BECOME A PROFESSIONAL AND IN BUILDING ENTERPRISE LEVEL APPLICATIONS WHAT WILL YOU LEARN BY THE END OF THE BOOK YOU WILL BE BUILDING REAL WEB APPLICATIONS TO PUT YOUR KNOWLEDGE TO PRACTICE THIS BOOK INTRODUCES ALL THE CONCEPTS TO GET STARTED WITH WEB APPLICATION DEVELOPMENT TO FURTHER EXCEL IN THIS FIELD YOU REALLY NEED TO PRACTICE BY BUILDING A LOT MANY APPLICATIONS IMPLEMENTING YOUR OWN IDEAS OR IMITATING EXISTING WEBSITES ALSO REMEMBER TO PRACTICE ADDITIONAL EXAMPLES PROVIDED IN THE CODE BUNDLE OF THE BOOK TO MASTER THIS FIELD WHO THIS BOOK IS FOR THIS BOOK CAN BE USED BY PEOPLE WHO ARE COMPLETELY NEW TO SOFTWARE DEVELOPMENT AND WANT TO GET INTO FRONT END WEB DEVELOPMENT BY STARTING FROM BASICS THIS BOOK CAN ALSO BE USED BY JAVASCRIPT USERS FOR A QUICK REFERENCE TO THE FUNDAMENTALS OF HTML CSS JS AND LEARN REACTJS WITH REDUX AS WELL AS THE NEW FEATURES IN JAVASCRIPT ES2019

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ALOK RANJAN IS A B TECH IN COMPUTER SCIENCE AND ENGINEERING FROM IIT DELHI AFTER GRADUATING IN 2001 ALOK WORKED WITH COMPANIES LIKE NEWGEN VIRTUSA AND CONVERGYS BEFORE STARTING HIS ENTREPRENEURIAL JOURNEY ABHILASHA SINHA IS BE COMPUTER SCIENCE FROM OSMANIA UNIVERSITY AFTER COMPLETING HER GRADUATION IN 2003 SHE STARTED HER CAREER AS A SOFTWARE ENGINEER WITH INFOSYS SHE WENT ON TO BECOME SENIOR TECHNOLOGY ARCHITECT IN A LONG AND FULFILLING ASSOCIATION OF 12 YEARS RANJIT BATTEWAD HAS OVER 8 YEARS OF EXPERIENCE IN FULL STACK WEB AND MOBILE APPLICATION DEVELOPMENT ASSOCIATED WITH WALKINGTREE TECHNOLOGIES SINCE PAST OVER 8 YEARS AND PLAYING THE ROLE OF SENIOR TECHNICAL LEAD HE HAS EXPOSURE TO COMPLEX APPLICATION ARCHITECTURE DESIGN AND DEVELOPMENT

GET AN INTRODUCTION TO TEMPLATING AND DATA BINDING

LEARN HOW TO USE NEXT JS FOR BUILDING WEB APPS WITHOUT COMPROMISING PERFORMANCE USER EXPERIENCE AND DEVELOPER HAPPINESS KEY FEATURES DEVELOP SCALABLE WEB APPLICATIONS USING NEXT JS USE NEXT JS AS A FRONTEND FOR EXISTING BACKENDS AND E COMMERCE WEBSITES AND UNDERSTAND HOW TO IMPLEMENT IT WITH

ANY HEADLESS CMS DEPLOY NEXT JS ON DIFFERENT PLATFORMS SUCH AS VERCEL DIGITALOCEAN AND AWS OR ON YOUR OWN SERVER

BOOK DESCRIPTION NEXT JS IS A SCALABLE AND HIGH PERFORMANCE REACT JS FRAMEWORK FOR MODERN WEB DEVELOPMENT AND PROVIDES A LARGE SET OF FEATURES SUCH AS HYBRID RENDERING ROUTE PREFETCHING AUTOMATIC IMAGE OPTIMIZATION AND INTERNATIONALIZATION OUT OF THE BOX IF YOU ARE LOOKING TO CREATE A BLOG AN E COMMERCE WEBSITE OR A SIMPLE WEBSITE THIS BOOK WILL SHOW YOU HOW YOU CAN USE THE MULTIPURPOSE NEXT JS FRAMEWORK TO CREATE AN IMPRESSIVE USER EXPERIENCE STARTING WITH THE BASICS OF NEXT JS THE BOOK DEMONSTRATES HOW THE FRAMEWORK CAN HELP YOU REACH YOUR DEVELOPMENT GOALS YOU LL REALIZE HOW VERSATILE NEXT JS IS AS YOU BUILD REAL WORLD APPLICATIONS WITH STEP BY STEP EXPLANATIONS THIS NEXT JS BOOK WILL GUIDE YOU IN CHOOSING THE RIGHT RENDERING METHODOLOGY FOR YOUR WEBSITE SECURING IT AND DEPLOYING IT TO DIFFERENT PROVIDERS ALL WHILE FOCUSING ON PERFORMANCE AND DEVELOPER HAPPINESS BY THE END OF THE BOOK YOU LL BE ABLE TO DESIGN BUILD AND DEPLOY MODERN ARCHITECTURES USING NEXT JS WITH ANY HEADLESS CMS OR DATA SOURCE WHAT YOU WILL LEARN GET UP TO SPEED WITH NEXT JS ESSENTIALS AND LEARN HOW TO BUILD APPS QUICKLY UNDERSTAND HOW TO CREATE SCALABLE NEXT JS ARCHITECTURES CHOOSE BETWEEN DIFFERENT RENDERING STRATEGIES SUCH AS CLIENT SIDE RENDERING CSR STATIC SITE GENERATION SSG SERVER SIDE RENDERING SSR AND INCREMENTAL STATIC REGENERATION ISR WRITE UNIT TESTS AND INTEGRATION TESTS IN YOUR NEXT JS APPLICATION DISCOVER THE POWERFUL ROUTING SYSTEM AND NEXT JS BUILT IN COMPONENTS DESIGN AND BUILD MODERN ARCHITECTURES WITH NEXT JS USING GRAPHCMS OR ANY HEADLESS CMS WHO THIS BOOK IS FOR THIS BOOK IS FOR WEB DEVELOPERS WHO WANT TO IMPROVE THEIR REACT SKILLS BY BUILDING SCALABLE AND MAINTAINABLE FULL STACK APPLICATIONS USING THE MODERN NEXT JS WEB FRAMEWORK INTERMEDIATE LEVEL KNOWLEDGE OF ES6 REACT NODE JS AND REST IS ASSUMED

JAVASCRIPT IS THE ENGINE BEHIND EVERY WEB APP AND A SOLID KNOWLEDGE OF IT IS ESSENTIAL FOR ALL MODERN WEB DEVELOPERS

PRO JAVASCRIPT FOR APPS GIVES YOU ALL OF THE INFORMATION THAT YOU NEED TO CREATE PROFESSIONAL OPTIMIZED AND EFFICIENT JAVASCRIPT APPLICATIONS THAT WILL RUN ACROSS ALL DEVICES IT TAKES YOU THROUGH ALL ASPECTS OF MODERN JAVASCRIPT APPLICATION CREATION SHOWING YOU HOW TO COMBINE JAVASCRIPT WITH THE NEW FEATURES OF HTML5 AND CSS3 TO MAKE THE MOST OF THE NEW WEB TECHNOLOGIES THE FOCUS OF THE BOOK IS ON CREATING PROFESSIONAL WEB APPLICATIONS ENSURING THAT YOUR APP PROVIDES THE BEST EXPERIENCE FOR YOUR USERS WITH SMOOTH AND RESPONSIVE CONTROL AND FEEDBACK AND AN INTUITIVE AND OPTIMIZED INTERFACE YOU WILL LEARN HOW TO TAKE A BASIC APPLICATION AND BRING IT UP TO A PROFESSIONAL LEVEL WHILE MAKING SURE THAT IT REMAINS BULLET PROOF AND BUG FREE

PRO JAVASCRIPT FOR APPS WILL ALSO ENHANCE YOUR DEVELOPMENT WORKFLOW USING JQUERY TO STREAMLINE THE PROCESS AND FREEING YOU TO SPEND MORE TIME ON THE IMPORTANT PARTS OF YOUR APP WHILE THE FRAMEWORK DEALS WITH THE MUNDANITY THE BEST APP EXPERIENCES ARE A COMBINATION OF A BEAUTIFUL IDEA WITH FLAWLESS EXECUTION IF YOU HAVE THE IDEAS PRO JAVASCRIPT FOR APPS WILL HELP YOU CRAFT THEM INTO A PHENOMENAL APP

IF YOU ARE A JAVASCRIPT DEVELOPER BEGINNER OR AN EXPERT WHO WANTS TO IMPROVE QUALITY STANDARDS IN TERMS OF SOLUTIONS DESIGN AND FUNCTIONAL VERIFICATION THIS BOOK IS FOR YOU

BASIC UNDERSTANDING OF WEB DEVELOPMENT HTML AND JAVASCRIPT IS REQUIRED

THIS HANDS ON BOOK LOOKS PAST THE HYPE AND BUZZWORDS SURROUNDING HTML5 AND GIVES YOU A CONSERVATIVE AND PRACTICAL APPROACH TO USING HTML5 JAVASCRIPT MVC FRAMEWORKS AND THE LATEST W3C SPECIFICATIONS YOU LL QUICKLY MASTER HOW TO BUILD MOBILE AND DESKTOP WEB APPS THAT ARE WIDELY SUPPORTED ACROSS ALL MAJOR WEB BROWSERS AND DEVICES EVEN THOUGH STORAGE WORKERS GEOLOCATION DEVICE ORIENTATION AND WEBSOCKETS HAVE BEEN COVERED MANY TIMES IN THE PAST IT IS OFTEN FROM A VERY HIGH OR BASIC LEVEL THIS BOOK GOES INTO THE TRENCHES TO REVIEW ACTUAL USE CASES FOR EACH OF THESE APIS AND GIVES REAL WORLD EXAMPLES ON HOW TO USE EACH ONE IF YOU RE FAMILIAR WITH JAVASCRIPT CSS AND HTML BASICS AND ARE READY TO START PIECING TOGETHER THE ARCHITECTURE OF HTML5 THEN THIS BOOK IS FOR YOU ASSEMBLE A COHERENT ARCHITECTURAL WHOLE FROM HTML5 S COMPLEX COLLECTION OF PARTS GAIN A CLEAR UNDERSTANDING OF CLIENT SIDE ARCHITECTURE AND THE MOBILE FIRST

APPROACH DESIGN CREATE AND TUNE EYE CATCHING AND ROBUST MOBILE WEB APPS EXPLORE HOW THE TOP FIVE JAVASCRIPT MVC FRAMEWORKS INTERACT WITH THE SERVER LEARN BEST PRACTICES FOR SETTING UP A RAW WEBSOCKET SERVER EXAMINE HOW SITES SUCH AS GOOGLE TWITTER AND AMAZON STORE DATA ON THE CLIENT USE REAL WORLD METHODS FOR APPLYING GEOLOCATION AND LEARN THE PITFALLS OF VARIOUS IMPLEMENTATIONS PROCESS IMAGES AND OTHER DATA IN THE BACKGROUND WITH WORKERS

IF YOU ARE A NODE JS DEVELOPER WHO WANTS TO TAKE YOUR EXPRESS SKILLS TO THE NEXT LEVEL AND DEVELOP HIGH PERFORMING RELIABLE WEB APPLICATIONS USING BEST PRACTICES THIS BOOK IS IDEAL FOR YOU THE ONLY PREREQUISITE IS KNOWLEDGE OF NODE JS

AN EXAMPLE DRIVEN GUIDE COVERING MODERN WEB APP DEVELOPMENT TECHNIQUES AND EMERGING TECHNOLOGIES SUCH AS WEBASSEMBLY SERVICE WORKERS AND SVELTE JS TO BUILD FASTER SECURE AND SCALABLE APPS KEY FEATURES DISCOVER EFFECTIVE TECHNIQUES FOR ACCESSING DOM MINIMIZING PAINTING AND USING A V8 ENGINE TO OPTIMIZE JAVASCRIPT UNDERSTAND WHAT MAKES THE WEB TICK AND CREATE APPS THAT LOOK AND FEEL LIKE NATIVE DESKTOP APPLICATIONS EXPLORE MODERN JAVASCRIPT FRAMEWORKS LIKE SVELTE JS FOR BUILDING NEXT GEN WEB APPS BOOK DESCRIPTION HIGH PERFORMANCE WEB DEVELOPMENT IS ALL ABOUT CUTTING THROUGH THE COMPLEXITIES IN DIFFERENT LAYERS OF A WEB APP AND BUILDING SERVICES AND APIS THAT IMPROVE THE SPEED AND PERFORMANCE OF YOUR APPS ON THE BROWSER WITH EMERGING WEB TECHNOLOGIES BUILDING SCALABLE WEBSITES AND SUSTAINABLE WEB APPS IS SMOOTHER THAN EVER THIS BOOK STARTS BY TAKING YOU THROUGH THE WEB FRONTEND POPULAR WEB DEVELOPMENT PRACTICES AND THE LATEST VERSION OF ES AND JAVASCRIPT YOU LL WORK WITH NODE JS AND LEARN HOW TO BUILD WEB APPS WITHOUT A FRAMEWORK THE BOOK CONSISTS OF THREE HANDS ON EXAMPLES THAT HELP YOU UNDERSTAND JAVASCRIPT APPLICATIONS AT BOTH THE SERVER SIDE AND THE CLIENT SIDE USING NODE JS AND SVELTE JS EACH CHAPTER COVERS MODERN TECHNIQUES SUCH AS DOM MANIPULATION AND V8 ENGINE OPTIMIZATION TO STRENGTHEN YOUR UNDERSTANDING OF THE WEB FINALLY YOU LL DELVE INTO ADVANCED TOPICS SUCH AS CI CD AND HOW YOU CAN HARNESS THEIR CAPABILITIES TO SPEED UP YOUR WEB DEVELOPMENT DRAMATICALLY BY THE END OF THIS WEB DEVELOPMENT BOOK YOU LL HAVE UNDERSTOOD HOW THE JAVASCRIPT LANDSCAPE HAS EVOLVED NOT JUST FOR THE FRONTEND BUT ALSO FOR THE BACKEND AND BE READY TO USE NEW TOOLS AND TECHNIQUES TO SOLVE COMMON WEB PROBLEMS WHAT YOU WILL LEARN EXPLORE VANILLA JAVASCRIPT FOR OPTIMIZING THE DOM CLASSES AND MODULES AND QUERYING WITH JQUERY UNDERSTAND IMMUTABLE AND MUTABLE CODE AND DEVELOP FASTER WEB APPS DELVE INTO SVELTE JS AND USE IT TO BUILD A COMPLETE REAL TIME TODO APP BUILD APPS TO WORK OFFLINE BY CACHING CALLS USING SERVICE WORKERS WRITE C NATIVE CODE AND CALL THE WEBASSEMBLY MODULE WITH JAVASCRIPT TO RUN IT ON A BROWSER IMPLEMENT CIRCLECI FOR CONTINUOUS INTEGRATION IN DEPLOYING YOUR WEB APPS WHO THIS BOOK IS FOR THIS JAVASCRIPT BOOK IS FOR WEB DEVELOPERS C C PROGRAMMERS AND ANYONE WHO WANTS TO BUILD ROBUST WEB APPLICATIONS USING ADVANCED WEB TECHNOLOGIES THIS BOOK ASSUMES A GOOD GRASP OF VANILLA JAVASCRIPT AND AN UNDERSTANDING OF WEB DEVELOPMENT TOOLS SUCH AS CHROME DEVELOPER TOOLS OR MOZILLA S DEVELOPER TOOLS

BUILD AN INTERACTIVE AND FULL FEATURED WEB APPLICATION FROM SCRATCH USING NODE JS AND MONGODB ABOUT THIS BOOK CONFIGURE YOUR DEVELOPMENT ENVIRONMENT TO USE NODE JS AND MONGODB USE NODE JS TO CONNECT TO A MONGODB DATABASE AND PERFORM DATA MANIPULATIONS A PRACTICAL GUIDE WITH CLEAR INSTRUCTIONS TO DESIGN AND DEVELOP A COMPLETE WEB APPLICATION FROM START TO FINISH WHO THIS BOOK IS FOR THIS BOOK IS DESIGNED FOR JAVASCRIPT DEVELOPERS OF ANY SKILL LEVEL THAT WANT TO GET UP AND RUNNING USING NODE JS AND MONGODB TO BUILD FULL FEATURED WEB APPLICATIONS A BASIC UNDERSTANDING OF JAVASCRIPT AND HTML IS THE ONLY REQUIREMENT FOR THIS BOOK WHAT YOU WILL LEARN CONFIGURE YOUR DEVELOPMENT ENVIRONMENT TO USE NODE JS AND MONGODB WRITE AND CONFIGURE A WEB SERVER USING NODE JS POWERED BY THE EXPRESS JS FRAMEWORK BUILD DYNAMIC HTML PAGES USING THE HANDLEBARS TEMPLATE ENGINE PERSIST APPLICATION DATA USING MONGODB AND MONGOOSE ODM TEST YOUR CODE USING AUTOMATED TESTING TOOLS SUCH AS THE MOCHA FRAMEWORK DEPLOY THE DEVELOPMENT ENVIRONMENT TO THE CLOUD USING SERVICES SUCH AS HEROKU AMAZON SERVICES AND MICROSOFT AZURE EXPLORE SINGLE PAGE APPLICATION FRAMEWORKS TO TAKE YOUR WEB APPLICATIONS TO THE NEXT LEVEL IN DETAIL NODE JS AND MONGODB ARE

QUICKLY BECOMING ONE OF THE MOST POPULAR TECH STACKS FOR THE WEB POWERED BY GOOGLE S V8 ENGINE NODE JS CATERS TO EASILY BUILDING FAST SCALABLE NETWORK APPLICATIONS WHILE MONGODB IS THE PERFECT FIT AS A SCALABLE HIGH PERFORMANCE OPEN SOURCE NOSQL DATABASE SOLUTION USING THESE TWO TECHNOLOGIES TOGETHER WEB APPLICATIONS CAN BE BUILT QUICKLY AND EASILY AND DEPLOYED TO THE CLOUD WITH VERY LITTLE DIFFICULTY THE BOOK WILL BEGIN BY INTRODUCING YOU TO THE GROUNDWORK NEEDED TO SET UP THE DEVELOPMENT ENVIRONMENT HERE YOU WILL QUICKLY RUN THROUGH THE STEPS NECESSARY TO GET THE MAIN APPLICATION SERVER UP AND RUNNING THEN YOU WILL SEE HOW TO USE NODE JS TO CONNECT TO A MONGODB DATABASE AND PERFORM DATA MANIPULATIONS FROM HERE ON THE BOOK WILL TAKE YOU THROUGH INTEGRATION WITH THIRD PARTY TOOLS FOR INTERACTION WITH WEB APPS IT THEN MOVES ON TO SHOW YOU HOW TO USE CONTROLLERS AND VIEW MODELS TO GENERATE REUSABLE CODE THAT WILL REDUCE DEVELOPMENT TIME TOWARD THE END OF THE BOOK WE WILL COVER TESTS TO PROPERLY EXECUTE THE CODE AND SOME POPULAR FRAMEWORKS FOR DEVELOPING WEB APPLICATIONS BY THE END OF THE BOOK YOU WILL HAVE A RUNNING WEB APPLICATION DEVELOPED WITH MONGODB AND NODE JS ALONG WITH IT S POPULAR FRAMEWORKS STYLE AND APPROACH AN EASY GUIDE TO NODE JS AND MONGODB WHICH WILL QUICKLY INTRODUCE YOU TO THE RELEVANT CONCEPTS BY TAKING YOU THROUGH THE DIFFERENT STEPS INVOLVED IN BUILDING A FULL FLEDGED WEB APPLICATION

BUILD SLIM SSR AND SSG NUXT APPLICATIONS WITH COMPOSITION API REMOTE NODE JS APPLICATIONS AND PHP APPLICATIONS FOR PROJECTS THAT SCALE AND REQUIRE BETTER MAINTENANCE KEY FEATURES DEVELOP FULL STACK NUXT APPLICATIONS WITH COMPOSITION APIS PINIA SOCKET IO AND LOCALSTORAGE SEPARATE NUXT APPS FOR FRONTEND AND DATA MANAGEMENT APIS FOR STREAMLINED MAINTENANCE BUILD DATA APIS WITH NODE JS MONGODB MARIADB RETHINKDB REDIS GRAPHQL AND WORDPRESS BOOK DESCRIPTION UNLOCK THE TRUE POTENTIAL OF NUXT JS WITH THIS COMPREHENSIVE GUIDE THE BOOK EXPLORES THE INTRICACIES OF NUXT JS WITH A PRIMARY FOCUS ON ADDRESSING SCALABILITY CHALLENGES INHERENT IN WEB APPLICATIONS READERS WILL ACQUIRE THE EXPERTISE TO EFFICIENTLY SEPARATE APIS AND DATA MANAGEMENT FROM NUXT PROJECTS THEREBY SIGNIFICANTLY ENHANCING MAINTAINABILITY THIS JOURNEY IS COMPLEMENTED BY HARNESSING THE POTENT NITRO SERVER ENGINE ENABLING THE SEAMLESS CONSTRUCTION OF FULL STACK WEB APPLICATIONS USING NUXT ALONE ENSURING A HARMONIOUS BLEND OF EFFICIENCY AND SCALABILITY THE BOOK WILL HELP NAVIGATE THE COMPLEXITIES OF LARGE SCALE NUXT PROJECTS UNCOVERING THE INTEGRATION OF REMOTE NODE JS AND PHP APPLICATIONS TO STREAMLINE API AND DATA MANAGEMENT PROCESSES PRACTICAL INSIGHTS AROUND OFFERING A DEEP UNDERSTANDING OF EFFECTIVE DATA HANDLING AND API MANAGEMENT USING PROMINENT TECHNOLOGIES SUCH AS MONGODB MARIADB RETHINKDB AND GRAPHQL TAILORED SPECIFICALLY FOR NUXT APPLICATIONS BY THE END OF THE BOOK YOU WILL CREATE STATIC SITE GENERATION SSG NUXT APPLICATIONS PAIRED WITH WORDPRESS TO OPTIMIZE PRODUCTION PERFORMANCE WHAT YOU WILL LEARN MASTER SSR AND SSG VUE JS APPLICATIONS USING NUXT AND THE COMPOSITION API BUILD DYNAMIC PAGES MANAGE HTTP ERRORS IN NUXT NODE JS PHP APPLICATIONS AND ENHANCE FUNCTIONALITY WITH COMPOSABLES PLUGINS UTILS AND MIDDLEWARE CREATE RESPONSIVE LAYOUTS USING WINDI CSS AND LESS AND OPTIMIZE SEO AND OPEN GRAPH BY MANAGING STATIC AND DYNAMIC ASSETS WITH COMPOSABLES CREATE A CLIENT SERVER SHOPPING CART SYSTEM WITH PINIA REDIS AND COOKIES IMPLEMENT REAL TIME FEATURES USING SOCKET IO AND RETHINKDB BUILD A HEADLESS CMS USING WORDPRESS FOR NUXT APPLICATIONS TABLE OF CONTENTS 1 INTRODUCING ADVANCED NUXT DEVELOPMENT 2 CREATING PAGES LAYOUTS COMPOSABLES PLUGINS UTILITIES AND MIDDLEWARE 3 MANAGING ASSETS AND ADDING UI FRAMEWORKS 4 FETCHING DATA AND HANDLING ERRORS 5 MANAGING STATES AND STORES 6 MANAGING DATA WITH NITRO SERVER ENGINE IN NUXT 7 MANAGING DATA WITH NODE JS APPS FOR NUXT 8 MANAGING DATABASE WITH PHP APPS FOR NUXT 9 BUILDING GRAPHQL LAYERS WITH MONGODB WORDPRESS AND GRAPHQL TOOLS FOR NUXT 10 CREATING SSG SITES WITH NUXT AND WORDPRESS AND GOING FURTHER INDEX

NODE JS APP DEVELOPMENT CREATE YOUR OWN APPS WITH NODE JS NODE JS IS PURELY BASED ON JAVASCRIPT IT IS WELL KNOWN FOR ITS STRONG SUPPORT FOR REAL TIME AND DATA INTENSIVE APPLICATIONS THIS IS WHY THE PLATFORM IS LOVED BY MANY THE GOOD THING ABOUT THE PLATFORM IS THAT IT CAN BE SUPPORTED ON THE VARIOUS OPERATING SYSTEMS THAT ARE USED BY DEVELOPERS THESE INCLUDE LINUX MAC OS X AND WINDOWS

THERE ARE ALSO MANY OTHER OPERATING SYSTEMS WHICH SUPPORT THIS THE PLATFORM IS BROADLY USED BY DEVELOPERS FOR THE DEVELOPMENT OF NETWORKING APPLICATIONS THE REASON IS BECAUSE IT USES A NON BLOCKING AND EVENT DRIVEN I O WHICH IS THE REASON BEHIND ITS EASE OF USE AND BEING FAST HERE IS A PREVIEW OF WHAT YOU LL LEARN ENVIRONMENTAL SETUP CREATING OUR FIRST APPLICATION THE REPL TERMINAL CALLBACKS IN NODE JS EVENT LOOP EVENT EMITTER BUFFERS STREAMS AND FILE SYSTEM DOWNLOAD YOUR COPY OF NODE JS BY SCROLLING UP AND CLICKING BUY NOW WITH ↵ CLICK BUTTON

UNLEASH THE FULL POTENTIAL OF THE NETLIFY PLATFORM WITH THIS ESSENTIAL GUIDE TO DEPLOYING AND SCALING WEB APPLICATIONS KEY FEATURES LEVERAGE THIS ONE STOP GUIDE TO DEPLOY OPTIMIZE AND SCALE FRONTEND WEB APPLICATIONS LIKE A PRO DISCOVER BEST PRACTICES FOR DEPLOYING APPLICATIONS ACROSS POPULAR FRONTEND FRAMEWORKS SUCH AS REACT VUE AND SVELTE GRASP NETLIFY S CORE FUNCTIONALITIES INCLUDING CONTINUOUS DEPLOYMENT AND PERFORMANCE OPTIMIZATION THROUGH REAL WORLD EXAMPLES PURCHASE OF THE PRINT OR KINDLE BOOK INCLUDES A FREE PDF EBOOK BOOK DESCRIPTIONWRITTEN BY A FORMER MEMBER OF NETLIFY S DEVELOPER EXPERIENCE TEAM DEVELOPMENT ON NETLIFY IS THE ULTIMATE COMPANION FOR ANYONE LOOKING TO BUILD DEPLOY OPTIMIZE AND SCALE FRONTEND WEB APPLICATIONS ON THE PLATFORM FROM SETTING UP YOUR ACCOUNT AND CONFIGURING SETTINGS AND OPTIONS TO DEPLOYING AND OPTIMIZING WEB APPLICATIONS THIS BOOK OFFERS COMPREHENSIVE GUIDANCE THROUGH NETLIFY S EXTENSIVE CAPABILITIES SUPPORTED BY STEP BY STEP INSTRUCTIONS AND REAL WORLD EXAMPLES FOCUSED ON BEST PRACTICES AND SCALABILITY THIS INVALUABLE RESOURCE IS FOR BOTH BEGINNERS AND EXPERIENCED DEVELOPERS COVERING ESSENTIAL ASPECTS SUCH AS PERFORMANCE OPTIMIZATION A B TESTING WEBHOOKS CONTINUOUS DEPLOYMENT AND SCALING CONSIDERATIONS WHETHER YOU WANT TO GET STARTED WITH NETLIFY OR EXPAND YOUR KNOWLEDGE OF THE PLATFORM THIS BOOK HAS EVERYTHING YOU NEED TO TAKE YOUR WEB APPLICATIONS TO THE NEXT LEVEL EKENE S CLEAR AND CONCISE STYLE MAKES IT EASY TO UNDERSTAND EVEN FOR READERS WITH LITTLE TO NO NETLIFY EXPERIENCE BY THE END OF THIS BOOK YOU LL BE EQUIPPED WITH THE EXPERTISE TO REVOLUTIONIZE YOUR WORKFLOW AND TAKE YOUR WEB PROJECTS TO NEW HEIGHTS WITH NETLIFY ADHERING TO INDUSTRY BEST PRACTICES EVERY STEP OF THE WAY WHAT YOU WILL LEARN EXPLORE NETLIFY S LIMITLESS CAPABILITIES TO SEE HOW IT PROVIDES EVERYTHING YOUR BUSINESS NEEDS START BY SETTING UP YOUR NETLIFY ACCOUNT AND CONFIGURING SETTINGS DISCOVER BEST PRACTICES FOR OPTIMIZING THE PERFORMANCE OF YOUR WEB APPS ON NETLIFY LEVERAGE NETLIFY S BUILT IN A B TESTING AND WEBHOOKS CAPABILITIES TO IMPROVE THE FUNCTIONALITY OF YOUR WEB APPS SET UP CONTINUOUS DEPLOYMENT ON NETLIFY AND KEEP YOUR WEB APPS UP TO DATE AUTOMATICALLY MAINTAIN AND TROUBLESHOOT YOUR WEB APPS ON NETLIFY ENSURING THEIR CONTINUED SUCCESS WHO THIS BOOK IS FOR THIS BOOK IS FOR WEB DEVELOPERS AND ENGINEERS WHO WANT TO DEPLOY AND SCALE THEIR APPLICATIONS EFFICIENTLY USING THE NETLIFY PLATFORM DEVOPS TEAMS LOOKING TO OPTIMIZE THEIR DEPLOYMENT PROCESSES AND REDUCE DOWNTIME AND MAINTENANCE COSTS WILL ALSO FIND THIS BOOK USEFUL A BASIC UNDERSTANDING OF WEB DEVELOPMENT CONCEPTS AND GIT VERSION CONTROL FUNDAMENTALS IS EXPECTED

ABSORB THE KNOWLEDGE REQUIRED TO UTILIZE MANAGE AND DEPLOY RETHINKDB USING NODE JS ABOUT THIS BOOK MAKE THE MOST OF THIS OPEN SOURCE SCALABLE DATABASE RETHINKDB TO EASE THE CONSTRUCTION OF WEB APPLICATIONS RUN POWERFUL QUERIES USING REQL WHICH IS THE MOST CONVENIENT LANGUAGE TO MANIPULATE JSON DOCUMENTS WITH DEVELOP FULLY FLEDGED REAL TIME WEB APPS USING NODE JS AND RETHINKDB WHO THIS BOOK IS FOR GETTING STARTED WITH RETHINKDB IS IDEAL FOR DEVELOPERS WHO ARE NEW TO RETHINKDB AND NEED A PRACTICAL UNDERSTANDING TO START WORKING WITH IT NO PREVIOUS KNOWLEDGE OF DATABASE PROGRAMMING IS REQUIRED ALTHOUGH A BASIC KNOWLEDGE OF JAVASCRIPT OR NODE JS WOULD BE HELPFUL WHAT YOU WILL LEARN DOWNLOAD AND INSTALL THE DATABASE ON YOUR SYSTEM CONFIGURE RETHINKDB S SETTINGS AND START USING THE WEB INTERFACE IMPORT DATA INTO RETHINKDB RUN QUERIES USING THE REQL LANGUAGE CREATE SHARDS REPLICAS AND RETHINKDB CLUSTERS USE AN INDEX TO IMPROVE DATABASE PERFORMANCE GET TO KNOW ALL THE RETHINKDB DEPLOYMENT TECHNIQUES IN DETAIL RETHINKDB IS A HIGH PERFORMANCE DOCUMENT ORIENTED DATABASE WITH A UNIQUE SET OF FEATURES THIS INCREASINGLY POPULAR NOSQL DATABASE IS USED TO DEVELOP REAL TIME WEB APPLICATIONS AND TOGETHER WITH NODE JS IT CAN BE USED TO EASILY DEPLOY THEM TO THE CLOUD WITH VERY LITTLE DIFFICULTY GETTING STARTED WITH

RETHINKDB IS DESIGNED TO GET YOU WORKING WITH RETHINKDB AS QUICKLY AS POSSIBLE STARTING WITH THE INSTALLATION AND CONFIGURATION PROCESS YOU WILL LEARN HOW TO START IMPORTING DATA INTO THE DATABASE AND RUN SIMPLE QUERIES USING THE INTUITIVE REQL QUERY LANGUAGE AFTER SUCCESSFULLY RUNNING A FEW SIMPLE QUERIES YOU WILL BE INTRODUCED TO OTHER TOPICS SUCH AS CLUSTERING AND SHARDING YOU WILL GET TO KNOW HOW TO SET UP A CLUSTER OF RETHINKDB NODES AND SPREAD DATABASE LOAD ACROSS MULTIPLE MACHINES WE WILL THEN MOVE ON TO ADVANCED QUERIES AND OPTIMIZATION TECHNIQUES YOU WILL DISCOVER HOW TO WORK WITH RETHINKDB FROM A NODE JS ENVIRONMENT AND FIND OUT ALL ABOUT DEPLOYMENT TECHNIQUES FINALLY WE LL FINISH BY WORKING ON A FULLY FLEDGED EXAMPLE THAT USES THE NODE JS FRAMEWORK AND ADVANCED FEATURES SUCH AS CHANGEFEEDS TO DEVELOP A REAL TIME WEB APPLICATION STYLE AND APPROACH THIS IS A STEP BY STEP BOOK THAT PROVIDES A PRACTICAL APPROACH TO RETHINKDB PROGRAMMING AND IS EXPLAINED IN A CONVERSATIONAL EASY TO FOLLOW STYLE

IF THE PHRASE SCALABILITY SOUNDS ALIEN TO YOU THEN THIS IS AN IDEAL BOOK FOR YOU YOU WILL NOT NEED MUCH NODE JS EXPERIENCE AS EACH FRAMEWORK IS DEMONSTRATED IN A WAY THAT REQUIRES NO PREVIOUS KNOWLEDGE OF THE FRAMEWORK YOU WILL BE BUILDING SCALABLE NODE JS APPLICATIONS IN NO TIME KNOWLEDGE OF JAVASCRIPT IS REQUIRED

DEVELOP YOUR REAL TIME MEAN APPLICATION EFFICIENTLY USING A COMBINATION OF MONGODB EXPRESS ANGULAR AND NODE ABOUT THIS BOOK CONSTRUCT A FULLY FUNCTIONAL MEAN APPLICATION BY USING ITS COMPONENTS ALONG WITH THE BEST THIRD PARTY MODULES HARNESS THE POWER OF THE JAVASCRIPT ECOSYSTEM TO EFFECTIVELY RUN BUILD AND TEST YOUR MEAN APPLICATION GAIN A DEEP PRACTICAL UNDERSTANDING OF REAL TIME WEB APPLICATION DEVELOPMENT THROUGH REAL WORLD EXAMPLES WHO THIS BOOK IS FOR IF YOU ARE A JAVASCRIPT DEVELOPER WHO IS INTERESTED IN BUILDING MODERN WEB APPLICATIONS USING MONGODB EXPRESS ANGULAR 2 AND NODE 5 0 THEN THIS BOOK IS FOR YOU YOU ONLY NEED KNOWLEDGE OF JAVASCRIPT DEVELOPMENT WHAT YOU WILL LEARN USE MONGODB TO STORE AND RETRIEVE YOUR APPLICATION S DATA CONNECT YOUR EXPRESS APPLICATION TO MONGODB AND USE THE MONGOOSE MODULE MANAGE YOUR USERS AUTHENTICATION AND OFFER THEM DIVERSE LOGIN OPTIONS USING PASSPORT STRUCTURE AND USE AN ANGULAR 2 APPLICATION IN YOUR MEAN PROJECT USE SOCKET IO TO CREATE REAL TIME COMMUNICATION BETWEEN YOUR CLIENT AND SERVER TEST YOUR APPLICATION S EXPRESS AND ANGULAR 2 ENTITIES IN DETAIL THE MEAN STACK IS A COLLECTION OF THE MOST POPULAR MODERN TOOLS FOR WEB DEVELOPMENT THAT HELPS YOU BUILD FAST ROBUST AND MAINTAINABLE WEB APPLICATIONS STARTING WITH THE MEAN CORE FRAMEWORKS THIS PRAGMATIC GUIDE WILL EXPLAIN THE KEY CONCEPTS OF EACH FRAMEWORK HOW TO SET THEM UP PROPERLY AND HOW TO USE POPULAR MODULES TO CONNECT IT ALL TOGETHER BY FOLLOWING THE REAL WORLD EXAMPLES SHOWN IN THIS TUTORIAL YOU WILL SCAFFOLD YOUR MEAN APPLICATION ARCHITECTURE ADD AN AUTHENTICATION LAYER AND DEVELOP AN MVC STRUCTURE TO SUPPORT YOUR PROJECT DEVELOPMENT YOU WILL LEARN THE BEST PRACTICES OF MAINTAINING CLEAR AND SIMPLE CODE AND WILL SEE HOW TO AVOID COMMON PITFALLS FINALLY YOU WILL WALK THROUGH THE DIFFERENT TOOLS AND FRAMEWORKS THAT WILL HELP EXPEDITE YOUR DAILY DEVELOPMENT CYCLES WATCH HOW YOUR APPLICATION DEVELOPMENT GROWS BY LEARNING FROM THE ONLY GUIDE THAT IS SOLELY ORIENTATED TOWARDS BUILDING A FULL END TO END REAL TIME APPLICATION USING THE MEAN STACK STYLE AND APPROACH THIS COMPREHENSIVE GUIDE COVERS EVERY PART OF THE MEAN STACK AND FOCUSES ON THE GESTALT POWER OF THE APPS THEY CAN CREATE THROUGH PRACTICAL REAL WORLD EXAMPLES

LEARN WEB APPLICATION DEVELOPMENT THROUGH DESIGN THINKING AND ILLUSTRATED USE CASES KEY FEATURES LEARN FROM NODE JS COMMUNITY LEADER TO DESIGN PRODUCTION READY APPLICATIONS NUMEROUS EXAMPLES AND USE CASES DEMONSTRATE HOW TO CREATE WEB COMPONENTS OF YOUR CHOICE COVERS BEST PRACTICES ON WRITING ERROR FREE AND HIGH PERFORMANT CODES FOR SCALING NODE JS APPS DESCRIPTION BUILDING PRODUCTION READY APPS WITH NODE JS TEACHES YOU HOW A WEB APPLICATION WORKS FROM THE INSIDE OUT WITH DETAILED ILLUSTRATIONS OF THE VARIOUS COMPONENTS YOU SHOULD BE ABLE TO USE THE KNOWLEDGE TO DEVELOP NEW WEB APPLICATIONS ENHANCE EXISTING APPLICATIONS OR RE ARCHITECT APPLICATIONS TO MEET NEW WORKLOAD CHARACTERISTICS OR DEPLOYMENT SCENARIOS THIS BOOK WRITTEN BY A NODE JS

COMMUNITY LEADER WALKS YOU THROUGH THE VARIOUS ASPECTS OF A WEB APPLICATION BEGINNING WITH PLATFORM SELECTION AND ENDING WITH PRODUCTION PROBLEM DETERMINATION IT OFFERS UNIQUE NODE JS FEATURES THAT MAKE IT A HIGH PERFORMER IN IO WORKLOADS THE BOOK THEN WALKS YOU THROUGH THE COMPONENTS OF A WEB APPLICATION SUCH AS THE FRONT END BACK END MIDDLEWARE FUNCTIONS DATABASE AND THIRD PARTY SERVICES THERE ARE SEVERAL REAL WORLD CASE STUDIES AND ILLUSTRATIVE EXAMPLES TO HELP YOU INTERNALIZE THE KNOWLEDGE EASILY IF YOU READ THIS BOOK YOU SHOULD BE ABLE TO APPLY WHAT YOU VE LEARNED IN YOUR CURRENT JOB SITUATION THIS BOOK WILL PROVIDE YOU WITH THE ABILITY TO APPRECIATE AND RATIONALIZE THE DESIGN CONSIDERATIONS OF MODERN WEB TECHNOLOGIES WHAT YOU WILL LEARN LEARN HOW TO CREATE WEB APP COMPONENTS FROM ZERO RECEIVE EXPERT GUIDANCE ON OPTIMIZING BACKEND COMPONENTS PERFORMANCE DEVELOP THE ABILITY TO CONVERT MONOLITHIC APPLICATIONS TO MICROSERVICES UTILIZE CUTTING EDGE TECHNIQUES TO REINVENT WEB COMPONENTS FOR MAXIMUM PRODUCTION STRENGTH WHO THIS BOOK IS FOR THIS BOOK IS INTENDED FOR STUDENTS MOBILE DEVELOPERS APPLICATION DEVELOPERS AND ARCHITECTS WHO WANT TO CREATE AND REDESIGN WEB APPLICATIONS PRIOR EXPERIENCE WITH JAVASCRIPT PROGRAMMING IS PREFERRED BUT NOT REQUIRED

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DISCOVER THE CURRENT LANDSCAPE OF FULL STACK DEVELOPMENT AND HOW TO LEVERAGE MODERN WEB TECHNOLOGIES FOR BUILDING PRODUCTION READY REACT JS APPLICATIONS TO DEPLOY ON AWS KEY FEATURES UNDERSTAND THE ARCHITECTURE OF REACT AND SINGLE PAGE APPLICATIONS BUILD A MODERN API FOR YOUR SPA USING NODE JS EXPRESS AND GRAPHQL GAIN A CLEAR AND PRACTICAL UNDERSTANDING OF HOW TO BUILD A COMPLETE FULL STACK APPLICATION

BOOK DESCRIPTION

REACT SETS THE STANDARD FOR BUILDING HIGH PERFORMANCE CLIENT SIDE WEB APPS NODE JS IS A SCALABLE APPLICATION SERVER THAT IS USED IN THOUSANDS OF WEBSITES WHILE GRAPHQL IS BECOMING THE STANDARD WAY FOR LARGE WEBSITES TO PROVIDE DATA AND SERVICES TO THEIR USERS TOGETHER THESE TECHNOLOGIES WHEN REINFORCED WITH THE CAPABILITIES OF TYPESCRIPT PROVIDE A CUTTING EDGE STACK FOR COMPLETE WEB APPLICATION DEVELOPMENT THIS BOOK TAKES A HANDS ON APPROACH TO IMPLEMENTING MODERN WEB TECHNOLOGIES AND THE ASSOCIATED METHODOLOGIES FOR BUILDING FULL STACK APPS YOU LL BEGIN BY GAINING A STRONG UNDERSTANDING OF TYPESCRIPT AND HOW TO USE IT TO BUILD HIGH QUALITY WEB APPS THE CHAPTERS THAT FOLLOW DELVE INTO CLIENT SIDE DEVELOPMENT WITH REACT USING THE NEW HOOKS API AND REDUX NEXT YOU LL GET TO GRIPS WITH SERVER SIDE DEVELOPMENT WITH EXPRESS INCLUDING AUTHENTICATION WITH REDIS BASED SESSIONS AND ACCESSING DATABASES WITH TYPEORM THE BOOK WILL THEN SHOW YOU HOW TO USE APOLLO GRAPHQL TO BUILD WEB SERVICES FOR YOUR FULL STACK APP LATER YOU LL LEARN HOW TO BUILD GRAPHQL SCHEMAS AND INTEGRATE THEM WITH REACT USING HOOKS FINALLY YOU LL FOCUS ON HOW TO DEPLOY YOUR APPLICATION ONTO AN NGINX SERVER USING THE AWS CLOUD BY THE END OF THIS BOOK YOU LL BE ABLE TO BUILD AND DEPLOY COMPLETE HIGH PERFORMANCE WEB APPLICATIONS USING REACT NODE AND GRAPHQL WHAT YOU WILL LEARN

DISCOVER TYPESCRIPT S MOST IMPORTANT FEATURES AND HOW THEY CAN BE USED TO IMPROVE CODE QUALITY AND MAINTAINABILITY UNDERSTAND WHAT REACT HOOKS ARE AND HOW TO BUILD REACT APPS USING THEM IMPLEMENT STATE MANAGEMENT FOR YOUR REACT APP USING REDUX SET UP AN EXPRESS PROJECT WITH TYPESCRIPT AND GRAPHQL FROM SCRATCH BUILD A FULLY FUNCTIONAL ONLINE FORUM APP USING REACT AND GRAPHQL ADD AUTHENTICATION TO YOUR WEB APP USING REDISSAVE AND RETRIEVE DATA FROM A POSTGRES DATABASE USING TYPEORM CONFIGURE NGINX ON THE AWS CLOUD TO DEPLOY AND SERVE YOUR APPS WHO THIS BOOK IS FOR THE BOOK IS FOR WEB DEVELOPERS WHO WANT TO GO BEYOND FRONT END WEB DEVELOPMENT AND ENTER THE WORLD OF FULL STACK WEB DEVELOPMENT BY LEARNING ABOUT MODERN WEB TECHNOLOGIES AND HOW THEY COME TOGETHER A GOOD UNDERSTANDING OF JAVASCRIPT PROGRAMMING IS REQUIRED BEFORE GETTING STARTED WITH THIS WEB DEVELOPMENT BOOK

CODE FOR MOST WEB SITES MOSTLY RUNS ON THE SERVER WHEN A USER CLICKS ON A LINK THE SITE REACTS SLOWLY BECAUSE THE BROWSER SENDS INFORMATION TO THE SERVER AND THE SERVER SENDS IT BACK AGAIN

BEFORE DISPLAYING THE RESULTS WITH NEAR UNIVERSAL AVAILABILITY OF CAPABLE BROWSERS AND POWERFUL HARDWARE THE SINGLE PAGE WEB APPLICATION SPA PUSHES MOST OF THE CODE TO THE BROWSER GIVING USERS IMMEDIATE RESULTS WHETHER THEY RE SURFING AT THEIR DESK OR USING A PHONE APP SINGLE PAGE APPLICATIONS SHOWS HOW TO BUILD MODERN BROWSER BASED APPS THAT TAKE ADVANTAGE OF STRONGER CLIENT PLATFORMS AND MORE PREDICTABLE BANDWIDTH IT COVERS THE SPA DESIGN APPROACH AND EXPLORES NEW TECHNIQUES LIKE STRUCTURED JAVASCRIPT AND RESPONSIVE DESIGN READERS WILL LEARN TO CAPITALIZE ON TRENDS LIKE SERVER SIDE JAVASCRIPT AND NOSQL DATA STORES AS WELL AS NEW FRAMEWORKS THAT MAKE JAVASCRIPT MORE MANAGEABLE AND TESTABLE AS A FIRST CLASS LANGUAGE AUDIENCE THIS BOOK IS FOR WEB DEVELOPERS ARCHITECTS AND PRODUCT MANAGERS WHO KNOW ABOUT JAVASCRIPT HTML CSS AND WEB DEVELOPMENT BASICS ABOUT THE TECHNOLOGY A SINGLE PAGE APPLICATION SPA IS AN APPLICATION DELIVERED TO THE BROWSER THAT DOES NOT RELOAD THE PAGE DURING USE

ANNOTATION TRADITIONALLY WEB APPLICATIONS HAVE BEEN ARCHITECTED SO THAT THE BACK END HOUSES ALL THE FRONT END CODE THIS HAS RESULTED IN HEAVY PROJECTS THAT ARE DIFFICULT TO MANAGE AND SCALE THIS BOOK WILL EXPLAIN A NEW WAY TO WRITE WEB APPLICATIONS BY TREATING THE FRONT END AS IF IT WERE A THIRD PARTY SUCH AS A MOBILE CLIENT THIS BOOK WRITTEN BY A PRACTICING MEAN DEVELOPER WILL TAKE A HOLISTIC APPROACH TO USING THE MEAN JAVASCRIPT PLATFORM FOR CREATING MODERN WEB APPLICATIONS AND LAY OUT HOW TO USE THE MEAN MONGO EXPRESS ANGULARJS AND NODE JS SET OF TOOLS TO CREATE A WEB APPLICATION FROM INSTALLATION AND SETUP OF THE TOOLS TO DEBUGGING AND DEPLOYING YOUR APP AFTER AN INTRODUCTION TO HOW WEB DEVELOPMENT IS CHANGING AND THE ADVANTAGES OF USING THE MEAN STACK THE AUTHOR JUMPS INTO AN INTRODUCTION TO EACH TOOL AND THEN DIVES INTO USING THE COMPLETE JAVASCRIPT BASED APPLICATION STACK TO BUILD TEST AND DEPLOY APPS

GETTING THE BOOKS **REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOTT** NOW IS NOT TYPE OF INSPIRING MEANS. YOU COULD NOT DESERTED GOING LIKE EBOOK ADDITION OR LIBRARY OR BORROWING FROM YOUR LINKS TO APPROACH THEM. THIS IS AN UTTERLY EASY MEANS TO SPECIFICALLY ACQUIRE LEAD BY ON-LINE. THIS ONLINE PROCLAMATION **REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOTT** CAN BE ONE OF THE OPTIONS TO ACCOMPANY YOU BEARING IN MIND HAVING SUPPLEMENTARY TIME. IT WILL NOT WASTE YOUR TIME. UNDERTAKE ME, THE E-BOOK WILL VERY SPACE YOU SUPPLEMENTARY MATTER TO READ. JUST INVEST TINY TIME TO RIGHT TO USE THIS ON-LINE MESSAGE **REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOTT** AS WITHOUT DIFFICULTY AS REVIEW THEM WHEREVER YOU ARE NOW.

1. How do I know which eBook platform is the best for me?
2. FINDING THE BEST eBook PLATFORM DEPENDS ON YOUR READING PREFERENCES AND DEVICE COMPATIBILITY. RESEARCH DIFFERENT PLATFORMS, READ USER REVIEWS, AND EXPLORE THEIR FEATURES BEFORE MAKING A CHOICE.
3. ARE FREE eBooks OF GOOD QUALITY? YES, MANY REPUTABLE PLATFORMS OFFER HIGH-QUALITY FREE eBooks, INCLUDING CLASSICS AND PUBLIC DOMAIN WORKS. HOWEVER, MAKE SURE TO VERIFY THE SOURCE TO ENSURE THE eBook CREDIBILITY.
4. CAN I READ eBooks WITHOUT AN eREADER? ABSOLUTELY! MOST eBook PLATFORMS OFFER WEB-BASED READERS OR MOBILE APPS THAT ALLOW YOU TO READ eBooks ON YOUR COMPUTER, TABLET, OR SMARTPHONE.
5. How do I AVOID DIGITAL EYE STRAIN WHILE READING eBooks? TO PREVENT DIGITAL EYE STRAIN, TAKE REGULAR BREAKS, ADJUST THE FONT SIZE AND BACKGROUND COLOR, AND ENSURE PROPER LIGHTING WHILE READING eBooks.
6. WHAT THE ADVANTAGE OF INTERACTIVE eBooks? INTERACTIVE eBooks INCORPORATE MULTIMEDIA ELEMENTS, QUIZZES, AND ACTIVITIES, ENHANCING THE READER ENGAGEMENT AND PROVIDING A MORE IMMERSIVE LEARNING EXPERIENCE.
7. **REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOTT** IS ONE OF THE BEST BOOK IN OUR LIBRARY FOR FREE TRIAL. WE PROVIDE COPY OF **REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOTT** IN DIGITAL FORMAT, SO THE RESOURCES THAT YOU FIND ARE RELIABLE. THERE ARE ALSO MANY EBOOKS OF RELATED WITH **REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOTT**.
8. WHERE TO DOWNLOAD **REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOTT** ONLINE FOR FREE? ARE YOU LOOKING FOR **REACT JS WEB APPLICATION DEVELOPMENT TRAININGHOTT** PDF? THIS IS DEFINITELY GOING TO SAVE YOU TIME AND CASH IN SOMETHING YOU SHOULD THINK ABOUT.

INTRODUCTION

THE DIGITAL AGE HAS REVOLUTIONIZED THE WAY WE READ, MAKING BOOKS MORE ACCESSIBLE THAN EVER. WITH THE RISE OF EBOOKS, READERS CAN NOW CARRY ENTIRE LIBRARIES IN THEIR POCKETS. AMONG THE VARIOUS SOURCES FOR EBOOKS, FREE EBOOK SITES HAVE EMERGED AS A POPULAR CHOICE. THESE SITES OFFER A TREASURE TROVE OF KNOWLEDGE AND ENTERTAINMENT WITHOUT THE COST. BUT WHAT MAKES THESE SITES SO VALUABLE, AND WHERE CAN YOU FIND THE BEST ONES? LET'S DIVE INTO THE WORLD OF FREE EBOOK SITES.

BENEFITS OF FREE EBOOK SITES

WHEN IT COMES TO READING, FREE EBOOK SITES OFFER NUMEROUS ADVANTAGES.

COST SAVINGS

FIRST AND FOREMOST, THEY SAVE YOU MONEY. BUYING BOOKS CAN BE EXPENSIVE, ESPECIALLY IF YOU'RE AN AVID READER. FREE EBOOK SITES ALLOW YOU TO ACCESS A VAST ARRAY OF BOOKS WITHOUT SPENDING A DIME.

ACCESSIBILITY

THESE SITES ALSO ENHANCE ACCESSIBILITY. WHETHER YOU'RE AT HOME, ON THE GO, OR HALFWAY AROUND THE WORLD, YOU CAN ACCESS YOUR FAVORITE TITLES ANYTIME, ANYWHERE, PROVIDED YOU HAVE AN INTERNET CONNECTION.

VARIETY OF CHOICES

MOREOVER, THE VARIETY OF CHOICES AVAILABLE IS ASTOUNDING. FROM CLASSIC LITERATURE TO CONTEMPORARY NOVELS, ACADEMIC TEXTS TO CHILDREN'S BOOKS, FREE EBOOK SITES COVER ALL GENRES AND INTERESTS.

TOP FREE EBOOK SITES

THERE ARE COUNTLESS FREE EBOOK SITES, BUT A FEW STAND OUT FOR THEIR QUALITY AND RANGE OF OFFERINGS.

PROJECT GUTENBERG

PROJECT GUTENBERG IS A PIONEER IN OFFERING FREE EBOOKS. WITH OVER 60,000 TITLES, THIS SITE PROVIDES A WEALTH OF CLASSIC LITERATURE IN THE PUBLIC DOMAIN.

OPEN LIBRARY

OPEN LIBRARY AIMS TO HAVE A WEBPAGE FOR EVERY BOOK EVER PUBLISHED. IT OFFERS MILLIONS OF FREE EBOOKS, MAKING IT A FANTASTIC RESOURCE FOR READERS.

GOOGLE BOOKS

GOOGLE BOOKS ALLOWS USERS TO SEARCH AND PREVIEW MILLIONS OF BOOKS FROM LIBRARIES AND PUBLISHERS WORLDWIDE. WHILE NOT ALL BOOKS ARE AVAILABLE FOR FREE, MANY ARE.

MANYBOOKS

MANYBOOKS OFFERS A LARGE SELECTION OF FREE EBOOKS IN VARIOUS GENRES. THE SITE IS USER-FRIENDLY AND OFFERS BOOKS IN MULTIPLE FORMATS.

BOOKBOON

BOOKBOON SPECIALIZES IN FREE TEXTBOOKS AND BUSINESS BOOKS, MAKING IT AN EXCELLENT RESOURCE FOR STUDENTS AND PROFESSIONALS.

HOW TO DOWNLOAD EBOOKS SAFELY

DOWNLOADING EBOOKS SAFELY IS CRUCIAL TO AVOID PIRATED CONTENT AND PROTECT YOUR DEVICES.

AVOIDING PIRATED CONTENT

STICK TO REPUTABLE SITES TO ENSURE YOU'RE NOT DOWNLOADING PIRATED CONTENT. PIRATED EBOOKS NOT ONLY HARM AUTHORS AND PUBLISHERS BUT CAN ALSO POSE SECURITY RISKS.

ENSURING DEVICE SAFETY

ALWAYS USE ANTIVIRUS SOFTWARE AND KEEP YOUR DEVICES UPDATED TO PROTECT AGAINST MALWARE THAT CAN BE HIDDEN IN DOWNLOADED FILES.

LEGAL CONSIDERATIONS

BE AWARE OF THE LEGAL CONSIDERATIONS WHEN DOWNLOADING EBOOKS. ENSURE THE SITE HAS THE RIGHT TO DISTRIBUTE THE BOOK AND THAT YOU'RE NOT VIOLATING COPYRIGHT LAWS.

USING FREE EBOOK SITES FOR EDUCATION

FREE EBOOK SITES ARE INVALUABLE FOR EDUCATIONAL PURPOSES.

ACADEMIC RESOURCES

SITES LIKE PROJECT GUTENBERG AND OPEN LIBRARY OFFER NUMEROUS ACADEMIC RESOURCES, INCLUDING TEXTBOOKS AND SCHOLARLY ARTICLES.

LEARNING NEW SKILLS

YOU CAN ALSO FIND BOOKS ON VARIOUS SKILLS, FROM COOKING TO PROGRAMMING, MAKING THESE SITES GREAT FOR PERSONAL DEVELOPMENT.

SUPPORTING HOMESCHOOLING

FOR HOMESCHOOLING PARENTS, FREE EBOOK SITES PROVIDE A WEALTH OF EDUCATIONAL MATERIALS FOR DIFFERENT GRADE LEVELS AND SUBJECTS.

GENRES AVAILABLE ON FREE EBOOK SITES

THE DIVERSITY OF GENRES AVAILABLE ON FREE EBOOK SITES ENSURES THERE'S SOMETHING FOR EVERYONE.

FICTION

FROM TIMELESS CLASSICS TO CONTEMPORARY BESTSELLERS, THE FICTION SECTION IS BRIMMING WITH OPTIONS.

NON-FICTION

NON-FICTION ENTHUSIASTS CAN FIND BIOGRAPHIES, SELF-HELP BOOKS, HISTORICAL TEXTS, AND MORE.

TEXTBOOKS

STUDENTS CAN ACCESS TEXTBOOKS ON A WIDE RANGE OF SUBJECTS, HELPING REDUCE THE FINANCIAL BURDEN OF EDUCATION.

CHILDREN'S BOOKS

PARENTS AND TEACHERS CAN FIND A PLETHORA OF CHILDREN'S BOOKS, FROM PICTURE BOOKS TO YOUNG ADULT NOVELS.

ACCESSIBILITY FEATURES OF EBOOK SITES

EBOOK SITES OFTEN COME WITH FEATURES THAT ENHANCE ACCESSIBILITY.

AUDIOBOOK OPTIONS

MANY SITES OFFER AUDIOBOOKS, WHICH ARE GREAT FOR THOSE WHO PREFER LISTENING TO READING.

ADJUSTABLE FONT SIZES

YOU CAN ADJUST THE FONT SIZE TO SUIT YOUR READING COMFORT, MAKING IT EASIER FOR THOSE WITH VISUAL IMPAIRMENTS.

TEXT-TO-SPEECH CAPABILITIES

TEXT-TO-SPEECH FEATURES CAN CONVERT WRITTEN TEXT INTO AUDIO, PROVIDING AN ALTERNATIVE WAY TO ENJOY BOOKS.

TIPS FOR MAXIMIZING YOUR EBOOK EXPERIENCE

TO MAKE THE MOST OUT OF YOUR EBOOK READING EXPERIENCE, CONSIDER THESE TIPS.

CHOOSING THE RIGHT DEVICE

WHETHER IT'S A TABLET, AN E-READER, OR A SMARTPHONE, CHOOSE A DEVICE THAT OFFERS A COMFORTABLE READING EXPERIENCE FOR YOU.

ORGANIZING YOUR EBOOK LIBRARY

USE TOOLS AND APPS TO ORGANIZE YOUR EBOOK COLLECTION, MAKING IT EASY TO FIND AND ACCESS YOUR FAVORITE TITLES.

SYNCING ACROSS DEVICES

MANY EBOOK PLATFORMS ALLOW YOU TO SYNC YOUR LIBRARY ACROSS MULTIPLE DEVICES, SO YOU CAN PICK UP RIGHT WHERE YOU LEFT OFF, NO MATTER WHICH DEVICE YOU'RE USING.

CHALLENGES AND LIMITATIONS

DESPITE THE BENEFITS, FREE EBOOK SITES COME WITH CHALLENGES AND LIMITATIONS.

QUALITY AND AVAILABILITY OF TITLES

NOT ALL BOOKS ARE AVAILABLE FOR FREE, AND SOMETIMES THE QUALITY OF THE DIGITAL COPY CAN BE POOR.

DIGITAL RIGHTS MANAGEMENT (DRM)

DRM CAN RESTRICT HOW YOU USE THE EBOOKS YOU DOWNLOAD, LIMITING SHARING AND TRANSFERRING BETWEEN DEVICES.

INTERNET DEPENDENCY

ACCESSING AND DOWNLOADING EBOOKS REQUIRES AN INTERNET CONNECTION, WHICH CAN BE A LIMITATION IN AREAS WITH POOR CONNECTIVITY.

FUTURE OF FREE EBOOK SITES

THE FUTURE LOOKS PROMISING FOR FREE EBOOK SITES AS TECHNOLOGY CONTINUES TO ADVANCE.

TECHNOLOGICAL ADVANCES

IMPROVEMENTS IN TECHNOLOGY WILL LIKELY MAKE ACCESSING AND READING EBOOKS EVEN MORE SEAMLESS AND ENJOYABLE.

EXPANDING ACCESS

EFFORTS TO EXPAND INTERNET ACCESS GLOBALLY WILL HELP MORE PEOPLE BENEFIT FROM FREE EBOOK SITES.

ROLE IN EDUCATION

AS EDUCATIONAL RESOURCES BECOME MORE DIGITIZED, FREE EBOOK SITES WILL PLAY AN INCREASINGLY VITAL ROLE IN LEARNING.

CONCLUSION

IN SUMMARY, FREE EBOOK SITES OFFER AN INCREDIBLE OPPORTUNITY TO ACCESS A WIDE RANGE OF BOOKS

WITHOUT THE FINANCIAL BURDEN. THEY ARE INVALUABLE RESOURCES FOR READERS OF ALL AGES AND INTERESTS, PROVIDING EDUCATIONAL MATERIALS, ENTERTAINMENT, AND ACCESSIBILITY FEATURES. SO WHY NOT EXPLORE THESE SITES AND DISCOVER THE WEALTH OF KNOWLEDGE THEY OFFER?

FAQs

ARE FREE EBOOK SITES LEGAL? YES, MOST FREE EBOOK SITES ARE LEGAL. THEY TYPICALLY OFFER BOOKS THAT ARE IN THE PUBLIC DOMAIN OR HAVE THE RIGHTS TO DISTRIBUTE THEM. HOW DO I KNOW IF AN EBOOK SITE IS SAFE? STICK TO WELL-KNOWN AND REPUTABLE SITES LIKE PROJECT GUTENBERG, OPEN LIBRARY, AND GOOGLE BOOKS. CHECK REVIEWS AND ENSURE THE SITE HAS PROPER SECURITY MEASURES. CAN I DOWNLOAD EBOOKS TO ANY DEVICE? MOST FREE EBOOK SITES OFFER DOWNLOADS IN MULTIPLE FORMATS, MAKING THEM COMPATIBLE WITH VARIOUS DEVICES LIKE E-READERS, TABLETS, AND SMARTPHONES. DO FREE EBOOK SITES OFFER AUDIOBOOKS? MANY FREE EBOOK SITES OFFER AUDIOBOOKS, WHICH ARE PERFECT FOR THOSE WHO PREFER LISTENING TO THEIR BOOKS. HOW CAN I SUPPORT AUTHORS IF I USE FREE EBOOK SITES? YOU CAN SUPPORT AUTHORS BY PURCHASING THEIR BOOKS WHEN POSSIBLE, LEAVING REVIEWS, AND SHARING THEIR WORK WITH OTHERS.

