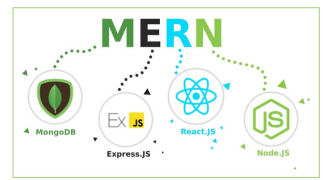


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MERN STACK DEVELOPMENT

MONGODB + EXPRESS + REACT + NODE.JS

• GETTING STARTED

- INTRODUCTION
- INSTALLING DEPENDENCIES
- EXPLORING THE PROJECT STRUCTURE

• A FRONTOEND WEB DEVELOPER MASTERCLASS

- HTML
- CSS
- JAVASCRIPT
- JQUERY

• MODERN JAVASCRIPT

- JAVASCRIPT IN HTML
- WINDOW OBJECT DOM AND LOCAL STORAGE
- VARIABLES USING VAR, LET AND CONST
- CONST AND OBJECT
- TEMPLATE STRINGS
- FUNCTION AND DEFAULT ARGUMENTS
- ARROW FUNCTION AND RETURN KEYWORD
- THIS KEYWORD
- OBJECT DESTRUCTURING
- ARRAY DESTRUCTURING
- SPREAD OPERATOR
- REST OPERATOR
- FUNCTION AND PROTOTYPE
- CLASSES
- EXTENDING CLASS

- **LEARNING NODE**

- INTRODUCTION AND SETUP
- V8: THE JAVASCRIPT ENGINE
- THE NODE CORE
- MODULES, EXPORTS, AND REQUIRE
- EVENTS AND THE EVENT EMITTER
- ASYNCHRONOUS CODE, LIBUV, THE EVENT LOOP, STREAMS, FILES, AND MORE
- HTTP AND BEING A WEB SERVER
- NPM: THE NODE PACKAGE MANAGER
- EXPRESS

- **LEARNING REACT**

- CREATE REACT APP
- CREATING A FORM
- HTML TO JSX
- REACT STATE AND EVENT HANDLERS
- MAKING API REQUEST USING FETCH
- HANDLING CORS ERROR
- RENDERING DATA
- EXTERNAL API REQUEST
- FETCH TO AXIOS
- REUSABLE COMPONENTS
- CSS IN REACT
- USING ANTL DESIGN
- LOADING STATE

- **ROUTES, MIDDLEWARES AND CONTROLLERS**

- MIDDLEWARES
- ROUTES AND CONTROLLERS

- **MONGODB SETUP**

- MONGODB CONNECTION THEORY
- SIGNUP TO MONGO ATLAS
- CONNECT TO MONGODB
- DOTENV AND GITIGNORE
- USING IMPORT EXPORT IN NODE.JS

- **ROUTING AND PAGES**

- CREATING PAGES
- REACT ROUTER
- SEO AND NEXT.JS

- **STARTING SOCIAL NETWORK PROJECT**

- SOCIAL NETWORK PROJECT
- NEXT.JS SETUP
- BOOTSTRAP CSS
- NAVIGATION
- PUBLIC FOLDER

- **USER REGISTRATION ,SCHEMAS AND BCRIPT**

- REGISTER PAGE
- REACT STATE AND ONCHAGE EVENT
- USING AXIOS
- SERVER SETUP
- ROUTES AND CONTROLLERS
- USER MODEL
- BCRIPT HASH AND COMPARE
- REGISTER USER
- TOAST NOTIFICATIONS
- ANT DESIGN MODAL
- ENV, VALIDATION AND FORM CLEANUP
- LOADING STATE
- BACKGORUND IMAGE
- AUTHFORM COMPNENT

- **USER LOGIN,CONTEXT AND AUTHORIZATION**

- USER LOGIN AND JWT TOKEN
- GLOBAL STATE USING CONTEXT
- LOCAL STORAGE
- ACTIVE LINKS
- REDIRECT LOGGED IN USER
- USING POSTMAN
- VERIFY CURRENT USER TOKEN

- **AXIOS CONFIGURATION**
- **FORGOT PASSWORD**
- **CREATING POST**
- **IMAGE UPLOAD**
- **RENDERING POSTS**
- **POST UPDATE AND DELETE**
- **USER PROFILE UPDATE**
- **USERS FOLLOW AND UNFOLLOW**
- **POST LIKE AND UNLIKE**
- **POST COMMENTS**
- **USERS SEARCH AND PUBLIC PROFILE**
- **POSTS SERVER SIDE RENDERING AND SEO**
- **SOCKET.IO AND REALTIME POSTS**
- **ADMIN ACCESS**
- **DEPLOYING OUR APP**
 - **DIGITAL OCEAN SETUP**
 - **SSH ACCESS**
 - **PUSH CODE TO GITHUB**
 - **INSTALLING NODE.JS, NGINX AND GIT CLONE**
 - **RUNNING SERVER, MONGODB AND COMMIT CHANGES**
 - **RUNNING REACT AND NEXT.JS CLIENT**