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Code Your Success Story

Module 1

HTML, CSS, and JavaScript

- ✓ MERN Stack Overview, HTML Intro, Elements, Lists
- ✓ HTML Forms, Semantic HTML, Media (Images, Video, Audio)
- ✓ CSS Basics, CSS Box Model
- ✓ Flex, CSS Grid
- ✓ Responsive Design, JavaScript Variables and Data Types
- ✓ Operators, Conditional Statements and Loops
- ✓ Functions, Arrays and Objects
- ✓ DOM Manipulations
- ✓ Timers, Closure, Hoisting, Error Handling
- ✓ jQuery Selectors and Manipulation, Event Handling
- ✓ Bootstrap Intro, Utilities, Components



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Module 2

ReactJS

- ✓ ES6 concepts
- ✓ React Introduction, JSX Syntax
- ✓ React Components, Nested Components
- ✓ State Management – useState hook, Event handling
- ✓ Array and Object in state, forms state
- ✓ Side Effects in React, Props
- ✓ Children prop, Props drilling
- ✓ Context API
- ✓ Complex State – useReducer
- ✓ React Router – Setting up routes, Error page
- ✓ Nested Routes, useParams, useNavigate
- ✓ Axios and fetch



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Module 3

MongoDB

- ✓ NoSQL Intro
- ✓ MongoDB queries
- ✓ Compass GUI
- ✓ MongoDB Atlas
- ✓ Connection and Working



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Module 4

Express.js

- ✓ Express server, GET and POST Methods
- ✓ PATCH and DELETE Methods
- ✓ Request Query
- ✓ Mongoose Validation, Error Handling
- ✓ Password Encryption
- ✓ JWT Security
- ✓ Authentication and Authorization
- ✓ Node mailer and password reset



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Module 5

Redux

- ✓ Redux
- ✓ Redux Toolkit
- ✓ Redux Thunk - Async in Redux

Module 6

DSA

- ✓ Arrays
- ✓ Linked List
- ✓ Stacks
- ✓ Queue



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Module 7

Project



Project Building



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