FULL STACK DEVELOPER MERN COURSE

Overview of Program

Embark on a transformative journey into the world of Full Stack Development with our comprehensive MERN Stack & React Native Training Program. This 12-week immersive experience is designed to equip aspiring developers with the skills and expertise needed to master HTML, CSS, JavaScript, React JS, Node.js, Express, MongoDB, and React Native. Led by seasoned instructors, the program combines theoretical learning with hands-on projects, including creating a dynamic portfolio, building a Kanban Dashboard, developing a Chat App, and crafting a fully functional Job Website. Our strategic curriculum ensures a gradual progression from fundamental concepts to advanced technologies, fostering a holistic understanding of Full Stack Development. Join us to cultivate the expertise required to thrive in the dynamic landscape of modern web and mobile application development.

The average Salary of a Fresher Full Stack Developer is INR. 9.1 Lakhs per year

PROGRAM CURRICULUM

Introduction to Web Development (HTML, CSS, Bootstrap, JavaScript)

- HTML Basics
- CSS Basics
- Introduction to Bootstrap 5
- JavaScript Fundamentals
- Advance Javascript
- Important Concept of TypeScript
- Git and GitHub
- Building a Portfolio Site (Assignment)

Frontend Development with React

- Introduction to React and JSX
- Components and Props
- State and Lifecycle
- React Hooks
- Redux Basics
- Building a Kanban Dashboard (Frontend) (Assignment)

Data Structures and Algorithms

- Arrays and String
- Set, Map
- Sorting and Searching
- Linked Lists, Stacks, Queues
- Tree and Graph structures.
- General Questions (Assignment)

PROGRAM CURRICULUM

Backend Development with Node.js and Express

- Introduction to Node.js
- Building RESTful APIs with Express
- Middleware and Routing
- Data Storage and Databases
- API Testing using Postman
- Building the Backend of the Kanban Dashboard (Assignment)

Capstone Project

- Real-time Communication with WebSockets
- User Authentication
- Data Modeling for Chat App
- Building the Chat App (Assignment) (16 hours)

Mobile App Development with React Native

- Introduction to React Native
- Components, Styling, and Navigation
- State Management in React Native
- Building a Job Website App (Assignment) (16 hours)

Additional Weeks (if needed)

Review, Q&A sessions, and additional practice
Total Program Duration: **12 weeks** (or more if additional weeks are added)