

Syllabus:



AI Integrated MERN Stack Development

Month 1: Introduction to Web Development

Week 1:

- Basics of Web Development
- HTML, CSS, and JavaScript

Week 2:

- Responsive Web Design
- Introduction to AI in Web Development

Week 3:

- Building Static Websites
- Introduction to React

Week 4:

- Practical Project: Static Website Development

Month 2: Frontend Development with React

Week 1:

- Advanced HTML, CSS
- JavaScript ES6+

Week 2:

- React.js Fundamentals
- Component-Based Architecture

Week 3:

- State Management in React
- Hooks and Context API

Week 4:

- AI Integration in Frontend
- Practical Project: React Application

Month 3: Backend Development with Node.js and Database Management

Week 1:

- Server-Side Programming with Node.js
- Introduction to Express.js

Week 2:

- Building RESTful APIs
- Middleware and Routing

Week 3:

- Introduction to NoSQL Databases
- CRUD Operations in MongoDB

Week 4:

- Database Design and Optimization
- Practical Project: Fullstack Application with MERN

Month 4: Fullstack Integration and Freelancing Skills

Week 1:

- Integrating React, Node.js, and MongoDB
- Deployment and Hosting

Week 2:

- Version Control with Git
- CI/CD Pipelines

Week 3:

- Building a Personal Brand
- Creating an Online Portfolio

Week 4:

- Finding Freelance Opportunities
- Managing Clients and Projects
- Practical Project: Fullstack MERN Application Deployment

Months 5 & 6: Practical Internship and Portfolio Building

Weeks 1-4:

- Internship Placement in Industry Projects
- Real-World MERN Stack Development

Weeks 5-8:

- Continued Internship with Project Feedback
- Advanced Development and Optimization

Weeks 9-12:

- Finalizing and Deploying Applications
- Comprehensive Portfolio Development
- Presentation Skills and Client Management
- Final Review and Freelancing Strategy

THANK YOU

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Well Paid Freelance ഐ.ടി
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നന്ദി

നിങ്ങളുടെ വിജയത്തിന്റെ ഭാഗമാവാൻ
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