



Liss Academy

Advanced Fullstack Development Course

Technologies: React JS, Angular JS, Node JS
Express JS, MongoDB

Plan:

Session 1-2 (4 hours): Overview of Fullstack development, introduction to React JS, Angular JS, and Node JS. Setting up development environments for each technology.

Session 3-4 (4 hours): Basics of HTML with a focus on React JS components.

Session 5-6 (4 hours): Introduction to Angular JS components and templates.

Session 7-8 (4 hours): Introduction to Node JS and server-side development.

Week 3-4: React JS Fundamentals

Session 9-10 (4 hours): Introduction to React components, JSX syntax, and props.

Session 11-12 (4 hours): State and lifecycle in React.

Session 13-14 (4 hours): Handling events, forms, and data binding in React.

Session 15-16 (4 hours): React Hooks and functional components.

Week 5-6: Angular JS Fundamentals

Session 17-18 (4 hours): Angular components, templates, and data binding.

Session 19-20 (4 hours): Directives, pipes, and dependency injection in Angular.

Session 21-22 (4 hours): Angular services and HTTP client for API communication.

Session 23-24 (4 hours): Angular forms and reactive programming.

Week 7-8: Node JS and Express

Session 25-26 (4 hours): Introduction to Node JS and asynchronous programming.

Session 27-28 (4 hours): Building RESTful APIs with Express.

Session 29-30 (4 hours): Middleware in Express and routing.

Session 31-32 (4 hours): Authentication and authorization in Node JS.

Week 9-10: Advanced Fullstack Development

Session 33-34 (4 hours): Integration of React and Node JS.

Session 35-36 (4 hours): Integration of Angular and Node JS.

Session 37-38 (4 hours): Fullstack project structure and organization.

Session 39-40 (4 hours): Testing in Fullstack development.

Week 11-12: Final Fullstack Project and Deployment

Session 41-42 (4 hours): Database connectivity with MongoDB and Mongoose.

Session 43-44 (4 hours): Final Fullstack project development.

Session 45-46 (4 hours): Deployment strategies and best practices.

Session 47-48 (4 hours): Final project work, troubleshooting, and Q&A.

Liss Solutions

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