

FRONTEND DEVELOPMENT

COURSE CURRICULUM



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Introduction to Frontend Development

- Understanding web technologies and the browser
- Overview of frontend vs backend
- Tools setup: VS Code, Chrome DevTools, Git
- Introduction to UI/UX basics

HTML5 & CSS3 Essentials

- Structure web pages using HTML5
- Design layouts using CSS3
- Responsive design with Flexbox & Grid
- Forms, tables, media, and semantic tags
- Mobile-first design principles

JavaScript Fundamentals

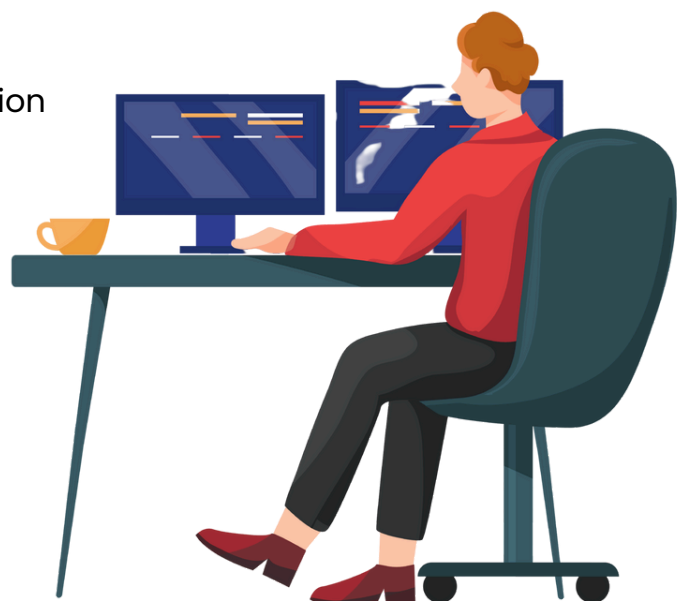
- Variables, Data Types, and Operators
- Functions, Loops, Conditions, and Arrays
- DOM Manipulation and Event Handling
- ES6+ Features (Arrow Functions, Spread, Destructuring)
- Asynchronous JS: Callbacks, Promises, Async/Await

Modern Frontend with React.js or Angular

- React Basics: Components, Props, State
- React Hooks
- Routing with React Router
- Working with APIs using Fetch/Axios
- Building Single Page Applications (SPA)

Deployment & Optimization

- Hosting your frontend project
- SEO basics for frontend
- Website performance optimization
- Debugging and browser testing



Thank you



Thank You for Going Through Frontend Development Curriculum
We hope this guide has provided a clear and structured learning path
to strengthen your skills in Frontend Development.

✦ NEXT STEPS

- Start practicing with real-world use cases and hands-on exercises
- Build personal or client-based projects for your portfolio
- Keep exploring updates and best practices in the industry
- Join discussions and stay connected with the community

☎ **Need Help or Guidance?**

Feel free to contact our course support team:

Course Coordinator

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