

Month 1: Strengthen HTML Fundamentals and Basics of CSS

Week 1-2: HTML Fundamentals

- Days 1-3: Learn the structure of HTML.
- Days 4-5: Practice creating different types of HTML elements.
- Days 6-7: Understand the importance of semantic HTML.

Week 3-4: CSS Basics

- Days 1-3: Focus on styling with CSS.
- Days 4-5: Learn about selectors, properties, and layout.
- Days 6-7: Explore responsive design and media queries.

Month 2: Deepen JavaScript Fundamentals

Week 5-6: JavaScript Basics

- Days 1-3: Understand variables, data types, and operators.
- Days 4-5: Learn about control structures (if, else, switch).
- Days 6-7: Explore functions and basic DOM manipulation.

Week 7-8: Advanced JavaScript

- Days 1-3: Dive deeper into JavaScript concepts like closures, promises, and asynchronous programming.
- Days 4-5: Explore ES6 features.
- Days 6-7: Review and practice advanced concepts.

Month 3: MERN Stack - MongoDB and Express.js

Week 9-10: MongoDB and Mongoose

- Days 1-3: Learn about NoSQL databases and MongoDB.
- Days 4-5: Understand Mongoose for MongoDB interactions.
- Days 6-7: Practice CRUD operations with MongoDB.

Week 11-12: Express.js Basics

- Days 1-3: Learn the basics of Express.js for server-side development.
- Days 4-5: Understand routing and middleware.
- Days 6-7: Build simple Express.js applications.

Month 4: MERN Stack - React.js and Full-Stack Development

Week 13-14: React.js Basics

- Days 1-3: Focus on understanding React components, state, and props.
- Days 4-5: Explore JSX and component lifecycle methods.
- Days 6-7: Build simple React applications.

Week 15-16: Node.js and Full MERN Stack Development

- Days 1-3: Learn Node.js basics and integrate it with Express.js.
- Days 4-5: Combine your knowledge of MongoDB, Express, and React to build full-stack applications.
- Days 6-7: Review and enhance your full-stack projects.

Additional Considerations:

• Ongoing Practice and Projects:

- Allocate time every week to work on projects that incorporate the skills you've learned.

• AI and Future Skills:

- Dedicate some time each week to read about AI concepts and explore how AI is integrated into web development.

• Soft Skills and Portfolio Building:

- Work on improving your soft skills and update your portfolio regularly with new projects.