

Frontend Developer Roadmap (4-Month Checklist)

Follow this structured roadmap to become a frontend developer in 4 months. Check off each week as you progress.

Weeks 1–3: HTML, CSS, JS Basics

- Learn HTML structure and tags
- Master CSS styling, layout, and responsive design
- Understand JavaScript basics: variables, loops, DOM manipulation
- ■ Websites: freecodecamp.org, w3schools.com, Traversy Media (YouTube), MDN Web Docs

Week 4: Git & Tools

- Learn Git commands: clone, commit, push, pull
- Create your GitHub profile
- Practice branching and merging
- ■ Websites: learngitbranching.js.org, GitHub Skills, Net Ninja YouTube

Weeks 5–6: Advanced JavaScript

- Understand ES6 features (let, const, arrow functions, promises)
- Learn async/await and fetch API
- ■ Websites: javascript.info, freecodecamp.org, Web Dev Simplified (YouTube)

Weeks 7–8: React.js (Framework)

- Learn components, props, and state
- Build simple projects using React
- ■ Websites: react.dev, scrimba.com, Programming with Mosh (YouTube)

Week 9: Styling (CSS Frameworks)

- Use Bootstrap or Tailwind for faster styling
- Create responsive layouts and components
- ■ Websites: getbootstrap.com, tailwindcss.com, Traversy Media YouTube

Week 10: Build Tools

- Understand npm and package.json
- Learn Webpack or Vite basics
- ■ Websites: npmjs.com, vitejs.dev, Webpack Crash Course (YouTube)

Week 11: State Management

- Learn Context API and Redux Toolkit
- Manage app-wide data and state
- ■ Websites: react.dev, redux.js.org, Redux Toolkit Crash Course (YouTube)

Week 12: APIs & Backend Basics

- Practice fetching data with APIs
- Understand REST concepts
- ■ Websites: freecodecamp.org, Fetch API Crash Course (YouTube)

Week 13: Deployment

- Deploy React apps to Netlify or Vercel
- Connect custom domain (optional)
- ■ Websites: netlify.com, vercel.com

Week 14: Extras

- Learn TypeScript basics
- Write simple tests using React Testing Library
- Understand accessibility principles
- ■ Websites: typescriptlang.org, testing-library.com, webaim.org

Weeks 15–16+: Portfolio & Job Prep

- Build portfolio with 3–5 projects
- Host on GitHub Pages or Netlify
- Create LinkedIn & resume
- ■ Websites: frontendmentor.io, github.com, LinkedIn Learning