

# Front-End Developer Roadmap

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# Front-End Developer Roadmap



 JavaScript Mastery

Starting with web development can be overwhelming. This front-end developer roadmap will guide you to start with it in the proper way. We will cover the most important building blocks of the web. This guide will help you to become a modern front-end developer.

# Brought to you by JSM

This guide will provide you with useful information and actionable steps, but if you truly want to dominate the competition and secure a high-paying job as a full-stack software developer, [jsmastery.pro](https://jsmastery.pro) is the answer.

Read until the end for more information and **special discounts!** 



# Learn the Basics - HTML



Basics



Emmet



Forms



Semantic HTML



SEO Basics

# Learn the Basics - CSS



CSS



Basics



Selectors



Positioning



Box Model



Display



Specificity

# Learn the Basics - CSS



CSS

- 📌 FlexBox
- 📌 Grid
- 📌 Media Queries
- 📌 Pseudo Elements
- 📌 Pseudo Classes
- 📌 Animations

# Learn the Basics – JS

JS

## JavaScript



Basic Syntax



DOM Manipulation



Fetch API / Ajax



Async Await



Event Listeners



ES6+ JavaScript

# Learn the Basics – JS

JS

## JavaScript



Promises



Classes



Array Methods



Scoping



Hoisting



Closures

# Learn any CSS Framework

These are the most popular ones



Bootstrap



Tailwind



Materialize



Bulma



Semantic UI



Foundation

# Learn any CSS Preprocessor mostly SASS and SCSS



SASS / SCSS



Postcss



Less



Stylus



Stylecow

# Learn basic usage of Version Control System



Git



GitHub

# Learn the basics of Package Managers



NPM



Yarn

# Pick a JavaScript Framework / Library

The most popular ones



React



Vue



Angular



Svelte

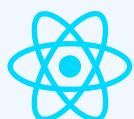


Meteor



Remix

# Basic things to learn in



## React



Components



JSX



Props



State



Events



Conditional Rendering

# Important topic



## React - Hooks

📌 **useState**

📌 **useEffect**

📌 **useRef**

📌 **useContext**

📌 **useReducer**

📌 **useMemo**

📌 **useCallback**

# Learn some of the React UI Frameworks



Material UI



Ant Design



Chakra UI



React Bootstrap



Rebass



Blueprint



Semantic UI React

# Learn to use popular React packages



React Router



React Query



Axios



React Hook Form



Styled Components



Storybook



Framer Motion

# Learn how to manage state in React with state management tools



Redux



MobX



Hookstate



Recoil



Akita

# Things to learn after learning React



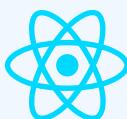
Next JS



Gatsby



TypeScript



React Native



Electron

# Important things to learn in Next JS



Static Site Generation



Server Side Rendering



Incremental Static  
Regeneration



Dynamic Pages



CSS / SASS Modules



Lazy loading Modules



API Routes

# Learn to test your apps with some of these libraries / frameworks



Jest



Testing Library



Cypress



Enzyme



Jasmine



Mocha

# Learn to deploy your websites

Some free popular service



Netlify



Vercel



Firebase



Github Pages



Heroku



Render

# Other important topics you should know



PWA



Web Sockets



CORS



JSON



RESTful APIs



GraphQL APIs



Basic Security



Web Accessibility

# Learn about style guides

A style guide is a set of standards that outline how code should be written and organized.

A style guide contains general rules.

e.g. which quotes to use, how many spaces to indent, where to put line breaks, etc.

## Some tools to help lint and format code



ES Lint



Standard



Prettier

# Optional Thing to learn

## Module Bundlers



Webpack



Parcel



SnowPack



Rollup.js



Gulp

# Project Ideas



Real Estate App



Cryptocurrency App



Travel Companion App



ECommerce Web Shop



Voice Assistant News App



Portfolio Website



Voice Powered Budget Tracker



Blog App with CMS

# Project Ideas



Social Media Web App



Modern UI/UX Website



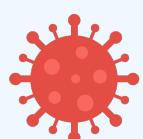
Chat App



Video Chat App



Progressive Web Apps



Covid-19 Tracker App



Google Search Clone



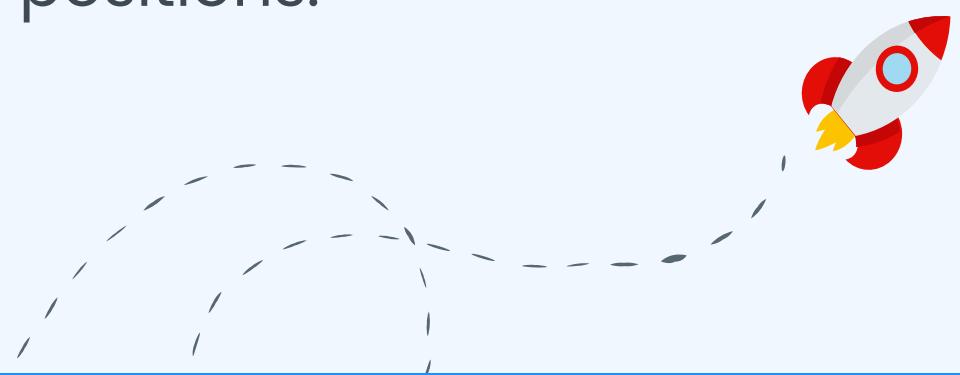
Premium Landing Page

# JS Mastery Pro

Looking to advance your career and understand the concepts & technologies that top-shelf employers are looking for?

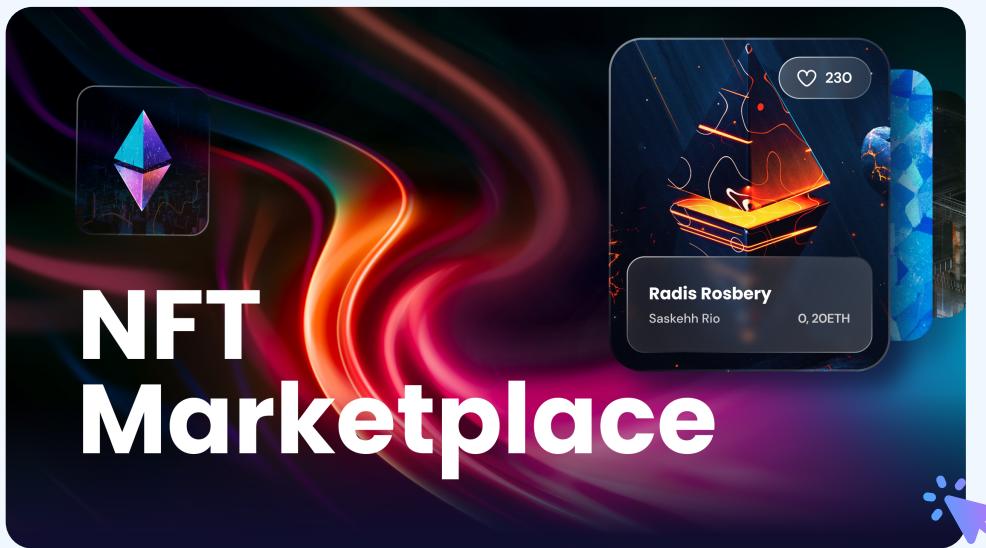
JS Mastery Pro offers two courses that will help you master libraries, tools, and technologies such as React.js, Next.js, Material UI, Solidity, Redux, and many more.

If your goal is to earn a high income while working on projects you love, JS Mastery Pro can help you develop your skills to become a top candidate for lucrative employment and freelance positions.





**Become a React.js master as you create a stunning Netflix clone streaming app to showcase movies, actor bios, and more with advanced AI voice functionality.**



**Leverage Web 3.0 and blockchain technology to build a comprehensive NFT platform where users can discover, create, purchase, & sell non-fungible tokens.**

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