

Back-End Developer Roadmap

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Back-End Developer Roadmap

 JavaScript Mastery

Starting with web development can be overwhelming. This back-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 back-end developer.

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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 is the answer.

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



Learn Basic Front-End Dev

You must know basics of front-end development, and how things work in the browser.



HTML



CSS



JavaScript

Once you know basic front-end, you can then jump right into learning a programming language, there are so many options of programming language that you can learn to become a backend developer.

Note: You don't need to know multiple programming languages to become a backend developer.

Choose a Programming language



JavaScript



Python



PHP



Ruby



Rust



Java



Go Lang

Then choose a Framework according to your programming language

 JavaScript

JavaScript Runtime

 Node.js

 Deno

Node.js Popular Framework

ex Express.js

 Nest.js Fastify Sails Hapi Restify Koa



Python Popular Framework



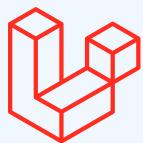
Django



Flask



PHP Popular Framework



Laravel



Symfony



Popular Framework



Rails



Sinatra



Java

Popular Framework



Spring



Google Web Toolkit



Rust

Popular Framework



Rocket.rs



Popular Framework



Gin



ASP .NET

asp.net is also a popular framework of C#

Backend concepts you should learn

📌 HTTP / HTTPS

📌 REST

📌 GraphQL

📌 Web Sockets

📌 CORS

📌 MVC Architecture

📌 CI / CD

📌 Serverless

Learn about databases

2 Types of Databases

SQL



MySQL



PostgreSQL



SQL Lite

NoSQL



MongoDB



CouchDB



DynamoDB

Learn Caching



Redis



Memcached

ORM / ODM



Mongoose (MongoDB)



Prisma (SQL)



Sequelize (SQL)

Essential things to learn



Authentication



OAuth



Hashing (bcrypt)



Rate Limiting



Reverse proxy



Load balancer



Documentation (Swagger)

Learn any HTML Templating Engine



EJS



PUG



Handlebars



doT



Jade



Eta

Other Important Topics



Linux



Terminal (CLI)



Git



Basic Networking



Web Security



Payment Gateways



Testing

Learn to deploy and learn any cloud service



Google Cloud



Digital Ocean



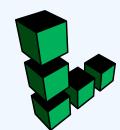
AWS



Azure



Heroku



Linode



Vercel

Optional things to learn



Docker



Performance



Scalability



Kubernetes

Tools to learn as a backend developer



NPM



Yarn



Postman



Insomnia



GitHub

Project Ideas



Social Media Web App



Chat App



Video Chat App



REST API



Amazon Scraper API



Web Scraper



URL Shortner



CRUD Blog App

Project Ideas



Discord Clone with webRTC



Travel Log App



File Sharing App



Users System



Multiplayer Game



Gist Clone



Weather Logger



Ecommerce API

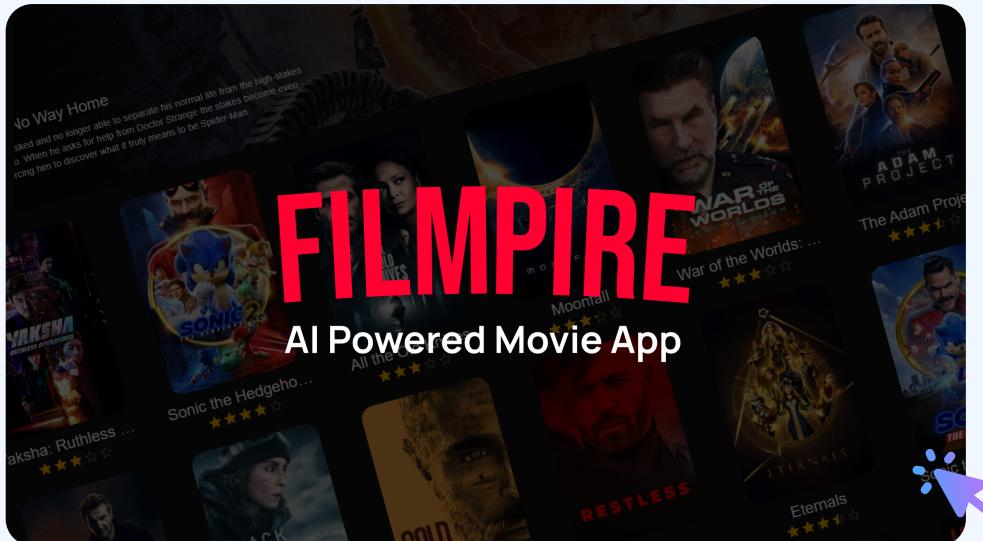
JS Mastery Pro

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

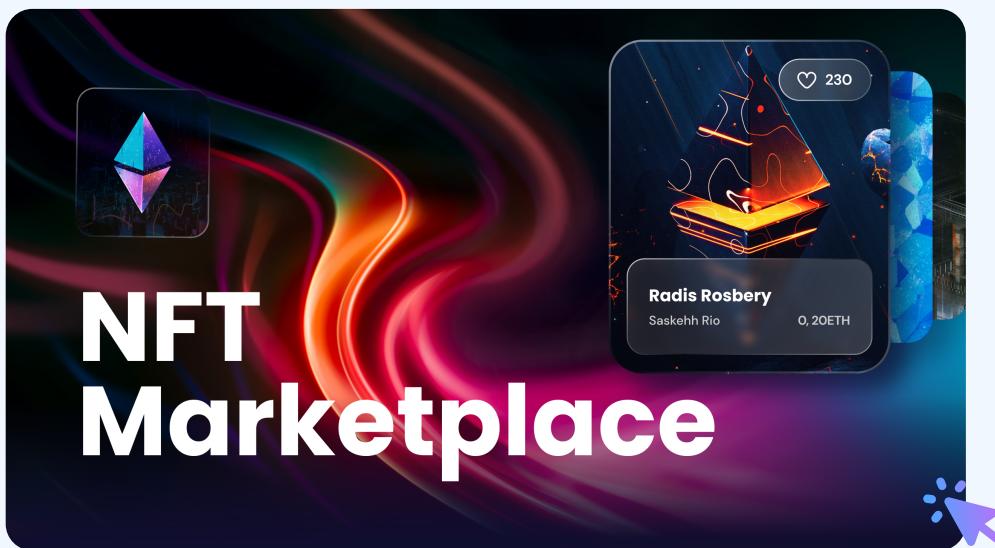
JS Mastery Pro offers two courses that will help you master libraries, tools, and technologies such as React.js, Next.js, Material UI, Solidity, Redux, and many more.

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.

Plus, if you really want to make a splash and add multiple group projects to your portfolio, join the JSM Masterclass Experience to set yourself above the rest and impress hiring managers.



Collaborate with other developers on exciting monthly group projects, have your code reviewed by industry experts, and participate in mock interviews and live Q&As. With two masterclass options available, this is the best way to truly launch your programming career and secure the job of your dreams!

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