

Complete Web2 and Web3 Development Roadmap By Sam Altman

This document contains a comprehensive roadmap for learning Web2 and Web3 development, including links to videos, books, documentation, websites, forums, and more.

HTML, CSS, and JavaScript Basics (Web2)

MDN, W3Schools, FreeCodeCamp, The Odin Project

Frontend Development Frameworks (Web2)

React.js, Vue.js, Angular (Documentation, Tutorials on YouTube)

Backend Development (Web2)

Node.js, Express.js, Django (Documentation, Tutorials on YouTube)

Databases (Web2)

SQL, NoSQL, MongoDB, PostgreSQL (Documentation, Tutorials)

Full Stack Development (Web2)

MERN Stack, MEAN Stack (Projects, Online Courses)

Version Control & Deployment (Web2)

Git, GitHub, AWS, Netlify, Heroku (Documentation and Video Tutorials)

Advanced Topics (Web2)

Web Performance, Security, Optimization (Articles, Tutorials)

Introduction to Blockchain (Web3)

Blockchain Basics: Books, Videos (Mastering Bitcoin, Coursera)

Smart Contract Development (Web3)

Solidity, Rust, Vyper (Ethereum, Solana Tutorials, and Documentation)

Decentralized Applications (dApps) (Web3)

Building dApps using Ethereum, BSC (Full Courses, Documentation)

Web3 Libraries and Tools (Web3)

Web3.js, Ethers.js, Truffle, Hardhat (Documentation, Tutorials)

Interacting with Wallets (Web3)

Metamask, WalletConnect (Guides, Video Tutorials)

Deploying Smart Contracts (Web3)

Testnets, Mainnets, Deployment Tools (Documentation, Tutorials)

Security in Web3 (Web3)

Auditing Smart Contracts, Common Vulnerabilities (Articles, Tutorials)

Decentralized Storage & Identity (Web3)

IPFS, Arweave, ENS (Documentation, Projects)

Forums & Communities (Both)

Stack Overflow, Reddit, Dev.to (Community Forums)

Webinars & Conferences (Both)

Relevant Events, Workshops for Web2 and Web3 Development