🚀 DevMastery Hub

Learn Coding by Building Real Projects

📚 About DevMastery Hub

Why DevMastery is Different: We don't just teach theory - we build REAL projects from scratch!

Every tutorial takes you from an empty folder to a fully working application. You'll learn:

- ✅ How to plan and structure projects
- ✅ Writing clean, maintainable code
- ✅ Debugging common errors (we don't skip mistakes!)
- ✅ Deploying your projects online
- ✅ Adding features like a real developer

Perfect for: Self-learners, college students, bootcamp graduates, and career switchers who want to build a strong portfolio.

🎯 Learning Paths

Path	Duration	Projects	Skills Gained
Frontend Developer	3 Months	8 Projects	HTML, CSS, JavaScript, React
Full Stack MERN	5 Months	12 Projects	MongoDB, Express, React, Node.js
Python Developer	2 Months	10 Projects	Python, APIs, Automation, Django
Interview Ready DSA	4 Months	200+ Problems	Data Structures, Algorithms, Problem Solving

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🟢 Beginner Projects (Start Here!)

Perfect for absolute beginners - No prior experience needed!

Project 1: HTML & CSS Complete Course

HTML Full Course - freeCodeCamp (2 hours)

CSS Complete Course - freeCodeCamp (11 hours)

Responsive Design - Traversy Media (1 hour)

📝 **What you'll build:** A professional portfolio website to showcase your skills

⏱️ **Total Duration:** ~14 hours | **Difficulty:** Easy

Project 2: JavaScript Fundamentals

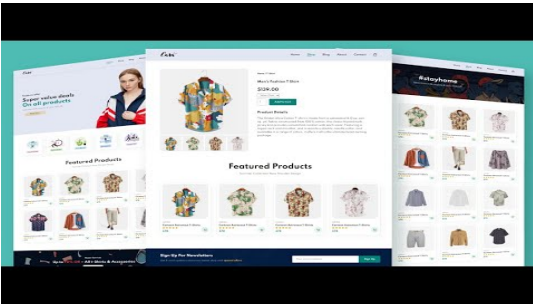JavaScript Full Course - freeCodeCamp (7.5 hours)

15 JavaScript Projects - freeCodeCamp (8 hours)

📝 **What you'll build:** 15+ interactive JavaScript projects

⏱️ **Total Duration:** ~17 hours | **Difficulty:** Easy-Medium

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Project 3: HTML, CSS & JavaScript Projects

Build & Deploy E-commerce Website — HTML, CSS & JavaScript (Free Tutorial)

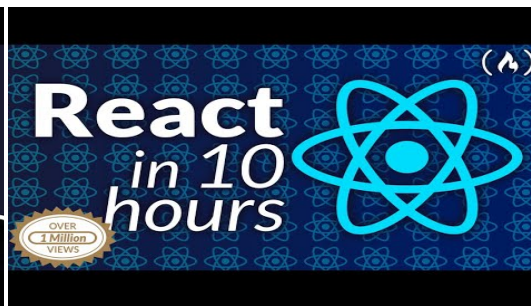**30-Day Project Challenge** — HTML, CSS & JS Projects Playlist

📝 **What you'll build:** Real web projects like ecommerce site, to-do app, quiz app, weather app, and more!

⏱️ **Duration:** Several hours per project | **Difficulty:** Easy-Medium

Project 4: React.js - Modern Web Apps (Updated)

React JS Crash Course 2025 - Traversy Media (10 hours)

React Projects for Beginners - Clever Programmer (2 hours)

📝 **What you'll build:** E-commerce site, To-do app, Dynamic web applications with React

⏱️ **Total Duration:** ~14 hours | **Difficulty:** Medium

Project 5: Node.js & Backend Development

Node.js and Express - freeCodeCamp (8 hours)

MERN Stack Tutorial - freeCodeCamp (5 hours)

MongoDB Crash Course - Traversy Media (45 min)

Project 6: Python Full Stack Development

Python Tutorial 2024 - freeCodeCamp (4.5 hours)

Django Full Course - freeCodeCamp (4 hours)

Python Full Course - freeCodeCamp (5 hours)

🔴 Advanced Projects

Master-level projects - For experienced developers

Project 7: Full Stack Application Development

Full Stack Development - freeCodeCamp (10 hours)

💼 Interview Preparation Series

Get hired at top companies - Real interview questions solved

💚 Data Structures & Algorithms in PYTHON

DSA in Python - Complete Course

Python DSA Practice Problems - Full Playlist

📝 **Practice:** LeetCode.com (Python), HackerRank Python Track, Codewars Python Kata
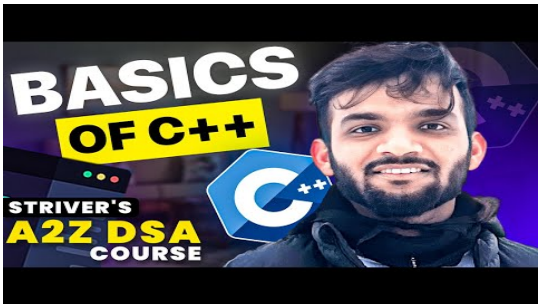

☕ Data Structures & Algorithms in JAVA

Java Complete Course

Java DSA Practice - Full Playlist

📝 **Practice:** LeetCode.com (Java), HackerRank Java Track, Codeforces Java Solutions

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⚙️ Data Structures & Algorithms in C++

C++ Complete Course - Striver

C++ DSA Practice - Full Playlist (Striver)

📝 **Practice:** LeetCode.com (C++), Codeforces, CodeChef C++ Problems, AtCoder

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📚 Practice Platforms by Language

Platform	Best For	Languages Supported
LeetCode	Interview Preparation	Python, Java, C++, JavaScript, and 15+ more
HackerRank	Beginner-Friendly Practice	Python, Java, C++, Ruby, and 30+ languages
Codeforces	Competitive Programming (C++)	C++, Java, Python (C++ recommended)
CodeChef	Monthly Contests	Python, Java, C++, and 50+ languages

AtCoder	Japanese Platform (C++ focus)	C++, Python, Java
GeeksforGeeks	Tutorials + Practice	Python, Java, C++, JavaScript

🎁 Free Resources & Tools

📺 Top YouTube Channels to Follow:

- **freeCodeCamp** - 10M+ subscribers - Free coding tutorials
- **Traversy Media** - 2M+ subscribers - Web development crash courses
- **Programming with Mosh** - 3M+ subscribers - Programming fundamentals
- **The Net Ninja** - 1M+ subscribers - Modern web dev tutorials
- **Web Dev Simplified** - 1.5M+ subscribers - Simplified web concepts

💻 Practice Platforms:

- **freeCodeCamp.org** - Free certification courses
- **LeetCode** - Coding interview practice
- **HackerRank** - Programming challenges
- **CodeWars** - Coding challenges and kata
- **Frontend Mentor** - Real-world frontend projects

📑 Documentation & References:

- **MDN Web Docs** - HTML, CSS, JavaScript reference
- **W3Schools** - Easy tutorials and references
- **JavaScript.info** - Modern JavaScript tutorial
- **React.dev** - Official React documentation

🎤 Student Success Stories

"Built 5 projects in 2 months following these tutorials and landed my first dev job! The project-based approach really works." - **Rahul S.**

"freeCodeCamp's JavaScript course changed my life. Now I'm a full-stack developer!" - **Priya M.**

"The DSA tutorials helped me crack interviews at 3 top companies. Forever grateful!" - **Amit K.**