

Ayush Patel

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Enthusiastic Flutter app developer with a strong foundation in cross-platform mobile development, UI/UX design, and modern web technologies. Experienced in building Netflix-style streaming platforms, integrating Firebase backend services, and working with real-time APIs. Passionate about creating engaging, performant mobile experiences using Flutter and clean design principles.

Projects:

Netflix – Movie Streaming Web Application

April 2025

MEAN Stack Project (Angular + Firebase)

<https://github.com/ayushpatel112233/Neflix>

- Developed a responsive Netflix-like movie streaming web app using Angular and Firebase, featuring secure email/password authentication, email verification, and real-time Firestore data sync.
- Integrated TMDB API for live movie data, enabled profile management, watchlists, and continue-watching, with route protection via Auth Guards.

Certifications:

Introduction to Data Analytics

- Learned data analytics fundamentals including data lifecycle and key analysis techniques.
- Gained insights into roles of data analysts and real-world data-driven decision making.

Web and Mobile Testing with Selenium

- Learned to automate testing for web and mobile apps using Selenium.

- Understood test scripting, cross-browser testing, and automation frameworks.

Python for Data Analysis: Pandas & NumPy

- Mastered data manipulation and analysis using Pandas and NumPy.
- Performed data cleaning, aggregation, and numerical operations efficiently.

Blockchain Basics

- Understood the core concepts of blockchain, including decentralization and consensus.
- Learned about smart contracts, crypto principles, and blockchain use cases.

Foundations of Cybersecurity

- Learned about cybersecurity principles, threats, and best practices.
- Explored network security, cryptography basics, and threat mitigation strategies.

Database Design and Basic SQL in PostgreSQL

- Designed relational databases and wrote basic to intermediate SQL queries.
- Learned normalization, indexing, and managing PostgreSQL databases.

Introduction to Object-Oriented Programming with Java

- Learned Java fundamentals with a focus on OOP concepts like inheritance and polymorphism.
- Built modular and reusable code using classes and objects.

C++ For C Programmers, Part A

- Transitioned from C to C++ by learning OOP and STL basics.
- Implemented complex algorithms using C++ features.

C++ For C Programmers, Part B

- Advanced understanding of STL containers, iterators, and memory management.
- Developed efficient C++ programs applying object-oriented techniques.

Interactivity with JavaScript

- Created dynamic and interactive web elements using JavaScript.
- Learned DOM manipulation, event handling, and basic JS programming.

C for Everyone: Structured Programming

- Gained foundational skills in structured programming using C.
- Focused on functions, arrays, pointers, and control flow logic.

Fundamentals of Visualization with Tableau

- Learned data visualization techniques using Tableau.
- Built dashboards and explored visual storytelling with real-world data.

Introduction to HTML5

- Gained solid understanding of HTML5 structure, elements, and forms.
- Built semantic, accessible, and mobile-friendly web pages.

Education:

M.Sc. (IT) – LJ University

2021 – Present

Skills:

Developer Tools: Git & GitHub, Visual Studio Code, Postman, Firebase Console, Figma, Canva

Database: Firebase Firestore, MongoDB

Programming: HTML5, CSS3, JavaScript, TypeScript, Angular, Python (Pandas, NumPy), Java (OOP Concepts), Flutter (Beginner-level)