

ANUJ PATWAL

 8433210214  Portfolio  anujpatwal126@gmail.com  linkedin.com/anujpatwal  github.com/anujpatwal

Education

Chandigarh University , near Gharuan , Mohali , Punjab

Expected May 2025

Bachelor of Engineering in Computer Science & Engineering

(CGPA: 8.20 / 10)

- **Relevant Coursework:** Data Structures and Algorithms (C++,Java), Operating Systems, Computer Networks, Object Oriented Programming (C++,Java), Software Engineering.

Delhi Public School , Vidyut Nagar , Dadri , Uttar Pradesh

May 2021

CBSE Class - XII

(90 %)

Experience

Chimple Learning

April 2025 - Present

Software Developer (Java/SpringBoot)

Bengaluru , Karnataka

- Developing and maintaining scalable RESTful APIs using Spring Boot, enabling smooth communication between microservices.
- Integrating Hibernate ORM for seamless database interactions and implementing optimized entity relationships to enhance data consistency and performance.
- Managing project builds and dependencies using Maven, ensuring reproducible builds and simplified dependency resolution.
- Designing and implementing data access layers with Spring Data JPA, reducing boilerplate code and improving maintainability.

LG Soft India

June 2024 - April 2025

Research Engineer Intern (Java Developer)

Bengaluru , Karnataka

- Worked on SOME/IP protocol, including service discovery, message serialization, and inter-process communication in automotive ECUs.
- Developed and implemented APIs as services and notifications for in-vehicle communication using SOME/IP, ensuring seamless data exchange between ECUs.

Projects

Community-Driven Code Editor | Nextjs , TypeScript , Javascript , NoSQL Database

- Users can write, execute, and share code snippets in an interactive online editor with syntax highlighting and error detection.
- Uploaded code is visible in the community section, where users can view, like, and comment on shared snippets.
- Convex database ensures real-time updates for user data, code snippets, and community interactions, enhancing performance and scalability.

AI-Driven Finance Advisor | React , Javascript , PostgreSQL , Gemini AI

- Utilizes the Gemini API to analyze user income, budget, and expenses, providing personalized financial advice.
- Tracks user expenses in real-time, categorizes spending, and offers insights for better financial planning.

AI Chat : Smart AI Assistant | Python, Hugging Face API, LLM , Streamlit

- Utilized the Hugging Face API to invoke a reference model, leveraging the power of LLM (Mistral's Mixtral- 8x7B) technology.

Technical Skills

Languages: C , C++ , Java , TypeScript , MySQL

Frameworks/Libraries: C++ STL, Java Collections, Spring Boot 3 , Hibernate , JDBC , Maven , Spring 6 , React , Nextjs , Nodejs , MySQL

Concepts: Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management Systems , SpringBoot , Spring , Hibernate , JDBC , Relational Database, Restful APIs, Git, Github, Software Engineering, Multithreading.

Achievements

- Solved Over 400+ Problems on **LeetCode** with Average Contest Rating 1.4k.
- IIT Bombay Techfest 2023 Hackathon "TaskWhiz" Finalist.
- Devfolio Hackathon "Hack-O-Win" 2024 Finalist.