

ANUJ PATWAL

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Education

Chandigarh University , near Gharuan , Mohali , Punjab
Bachelor of Engineering in Computer Science & Engineering
Delhi Public School , Vidyut Nagar , Dadri , Uttar Pradesh
CBSE Class - XII

Expected May 2025
(CGPA: 8.20 / 10)
May 2021
(90 %)

Experience

Amiti Software Technologies

April 2025 - Present

Software Developer

Bengaluru , Karnataka

- Building modular microservices with Spring Boot, following best practices in controller-service-repository architecture to ensure clean code separation.
- Implementing exception handling, input validation, and security features in Spring Boot applications to enhance robustness and API reliability.
- Integrating Apache Kafka for asynchronous communication between microservices, improving system scalability and fault tolerance.
- Developing Kafka producers and consumers to handle real-time data pipelines, ensuring reliable message delivery and processing.

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

ECommerce Application | [React, SpringBoot, Spring Security, Spring JPA, Spring MVC, Gemini AI, PostgreSQL]

- Developed a full-fledged e-commerce application using React for the frontend and Spring Boot (Spring MVC) for the backend, with robust security implemented via Spring Security and role-based access controls.
- Leveraged JPA architecture and PostgreSQL for efficient data persistence, ensuring reliability, scalability, and seamless transaction handling.
- Integrated a Gemini AI-based product comparator and Stripe payment gateway to enhance user experience and enable secure online payments.

Community-Driven Code Editor | [NextJS, Typescript, NoSQL]

- Users can write, execute, and share code snippets in an interactive online editor with syntax highlighting and error detection.

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

- Utilizes the Gemini API to analyze user income, budget, and expenses, providing personalized financial advice with tracking user expenses in real-time.

Technical Skills

Languages: C++, Java, TypeScript, SQL

Frameworks/Libraries: C++ STL, Java Collections, Apache Kafka, Spring Boot, Hibernate, JDBC, Spring Security, Spring JPA, Spring MVC, Maven, Spring 6, React, Nextjs, Nodejs, PostgreSQL

Concepts: Data Structures & Algorithms, Operating Systems, Computer Networks, Apache Kafka, Database Management Systems, SpringBoot, Spring, Hibernate, JDBC, Spring JPA, Spring Security, Spring MVC, Relational Database, Restful APIs, Git, Github, Software Engineering, Postman, Docker, Jenkins, Microservices.

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.