

# ANUJ PATWAL

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

## 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 | [Nextjs, SpringBoot, Spring Security, Spring Cloud Gateway, Spring MVC, Microservices, PostgreSQL]

- Architected and implemented a microservices-based backend using Spring Boot, where each service (user, product, order, payment) operated independently with its own database, enabling modular development and scalability.
- Configured inter-service communication via REST APIs and centralized API Gateway using Spring Cloud Gateway, streamlining routing, load balancing, and authentication across services.
- Implemented service discovery using Netflix Eureka and centralized configuration management using Spring Cloud Config Server to dynamically manage environment-specific configurations across all microservices.

### 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.