

# ANANYA DUTTA

Software Developer

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## Professional Summary

Software Engineer with 2+ years of experience building scalable, secure backend systems using Spring Boot and MERN stack. Architected high-performance microservices deployed via AWS and Docker. Solved 300+ DSA problems. Passionate about system design, code quality, and delivering high-impact products in hybrid environments.

## Experience

### Freelance

March 2024 – Present

Software Developer

New Delhi, Delhi

- Led full-stack development of scalable applications using Spring Boot, MERN stack, MySQL, and MongoDB architected to support 50K+ users with secure, high-performance APIs.
- Collaborated directly with clients and cross-functional teams in Hybrid sprints to gather requirements, prioritize features, and ensure timely, business-aligned deliveries.
- Demonstrated ownership and professionalism across projects, applying best practices in system design, CI/CD (GitHub Actions), Docker, and AWS for efficient, cost-effective deployment.

### Beatles Analytics

August 2022 – December 2023

Backend Developer

Dehradun, UT

- Built scalable backend systems using Django and Laravel, contributing to 80% of core API development, MySQL schema design, and performance tuning — reducing server response time by 40%
- Integrated authentication, third-party APIs, and RBAC, ensured 90%+ uptime and secure file handling; collaborated in Agile teams with unit testing and Git workflows, accelerating feature delivery by 30–40%. Deploy the projects as cloud-based(AWS)

## Projects

### Billing System | [GitHub](#) | MERN, AWS (EC2, RDS)

November 2025

- Built a secure, modular REST API with Node Js and JWT auth; optimized database indexing reduced latency by 30%.
- Integrated analytics endpoints; handled 25K+ requests/month with 99.9% uptime.

### Customer Support Chatbot | [GitHub](#) | Express, Node.js, JavaScript, OpenAI

November 2025

- It is model to handle user queries in natural language, reducing manual support effort by automating FAQ responses.
- Implemented a RESTful API in JavaScript with secure environment configuration, enabling real-time communication between the chatbot backend and frontend for seamless customer interactions.

## Technical Skills

**Programming Languages:** Python, PHP, Java, HTML/CSS, JavaScript

**Backend:** Spring Boot, Django, Express.js, Laravel, Node.js

**Frontend:** React.js, Tailwind

**Databases:** MongoDB, Firebase, MySQL, JDBC

**Cloud / Developer Tools:** AWS (EC2, RDS, S3), Docker, VS Code, Android Studio, Anaconda, GitHub, Postman

**Other:** OOPS, Microservices, System Design

**Soft Skills:** Communication, Teamwork, Leadership

## Education

### Roorkee Institute of Technology, (Percentage: 72.00)

2018 – 2022

Bachelor of Engineering in Computer Engineering

Roorkee, UT

## Trainings

### Coding Ninjas

Feb 2023 – Feb 2024

Full Stack Web Development

- [Backend](#) | [Frontend](#) | [Java](#) | [Data Structure](#)

## Achievements

- 200+ [LeetCode](#) Problems Solved
- 300+ DSA Challenges Completed ([Coding Ninja](#))