

Rohit Kumar

Backend Developer | ECE Undergraduate

[Email](#) / [LinkedIn](#) | [GitHub](#) | [Leetcode](#) | [Codeforces](#) | [Portfolio](#)

EDUCATION

Indian Institute of Information Technology, Jabalpur
Bachelor of Technology in Electronics and Communication Engineering

CGPA: 7.5
2024 – Current

SKILLS

Programming Languages: Java (Spring Boot, REST APIs), C++ (DSA & Competitive Programming), Python (Basic), JavaScript (Basic), SQL (PostgreSQL)

Web Technologies: HTML5, CSS3

Frameworks & Tools: Spring Boot, Spring Security, Git, GitHub, Linux

Core Concepts: , Object-Oriented Programming (OOP), Data Structures & Algorithms, RESTful API Design, JWT-based Authentication & Authorization

EXPERIENCE

Open Source Contributor — BitByte Summer of code

Jun 2025 – Aug 2025

- Achieved 5 merged pull requests under senior mentorship.
- Contributed to feature development and bug fixes in collaborative open-source projects.
- Followed standard Git/GitHub workflows including issues, pull requests, and code reviews.

Open Source Contributor — GirlScript Summer of Code (GSSOC)

Aug 2025 – Current

- Contributing to production-level open-source repositories with structured codebases.
- Collaborating with mentors and contributors using GitHub issues and pull requests.

PROJECTS

EMPLOYEE MANAGEMENT SYSTEM (BACKEND)

[Github](#)

Java, Spring Boot, Spring Data JPA, PostgreSQL

- Built a RESTful backend with full CRUD functionality using layered architecture.
- Implemented Controllers, Services, Repositories, DTOs, and mappers for clean separation.
- Integrated Spring Data JPA and centralized exception handling.
- Tested APIs using Postman.

JWT AUTHENTICATION SYSTEM

[Github](#)

Java, Spring Boot, Spring Security, JWT, PostgreSQL

- Implemented stateless authentication using JWT and Spring Security.
- Built secure login and registration with BCrypt password encryption.
- Designed custom JWT filter and role-based access control.
- Tested authentication and authorization flows using Postman.

PERSONAL PORTFOLIO WEBSITE

[Live Website](#)

HTML, CSS, JavaScript

- Built a responsive personal portfolio with interactive UI components.
- Deployed on Netlify and resolved cross-browser and deployment issues.

COMPETITIVE PROGRAMMING AND DATA STRUCTURES

- Solved 350+ DSA problems on LeetCode and 1000+ problems across LeetCode, Codeforces, and CodeChef.
- Strong proficiency in core data structures and algorithms including arrays, trees, graphs, and dynamic programming.