

# 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.