# Rishav Kumar

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## Education

#### **Guru Nanak Dev Engineering College**

Bachelor of Technology (B.Tech) in Electronics and Communication Engineering CGPA: 7.0/10

June 2021 - June 2025 Ludhiana, Punjab

# **Experience**

### Project Engineer (Academic Role)

July 2024 - Dec 2024

- · Implemented full-stack apps using Java, Spring Boot, and React.
- · Collaborated in 3+ group projects, taking lead on backend development.
- · Followed Agile process in mini-projects for regular sprint-based deliveries.
- · Participated in code reviews and debugging sessions for peer learning.

# **Projects**

#### **Cloud File Storage System**

Aug 2025 - Present

- · Created a cloud-based file storage system with secure user authentication.
- · Enabled file upload, download, delete, and folder creation using REST APIs and React UI.
- · Architected a secure API authentication flow using stateless JSON Web Tokens (JWT).
- Technologies Used: Java, Spring Boot, React, MySQL, JWT, REST APIs.

#### **Secure User Authentication System**

Apr 2025 - July 2025

- · Built a login/signup system with JWT authentication using Spring Boot & React.
- · Applied key security measures, including user email verification and OTP password resets.
- · Created and tested REST APIs with MySQL backend using Postman.
- Technologies Used: Spring Boot, React, JWT, MySQL, Postman

### **Real-time Chatting App**

Nov 2024 - Jan 2025

- · Built AI chat app using Spring AI and Gemini model.
- · Enabled real-time messaging with Web Socket.
- · Designed a React-based UI and added contextual AI replies based on user input.
- Technologies Used: Spring AI, Gemini Model, React, WebSocket, Tailwind CSS

# **TECHNICAL SKILLS**

- · Languages: Java (Core & OOPs), JavaScript, HTML, CSS
- · Frameworks & Technologies: Spring Boot, Spring AI, React
- · Database Systems: MySQL
- · Developer Tools: IntelliJ IDEA, VS Code, Eclipse, Postman, GitHub, Maven

#### Certifications

- Postman API Fundamentals Student Expert.
- Java Foundations Certificate (Oracle).