RAJAT TIWARI

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GitHub | LinkedIn | Portfolio

Professional Summary

Computer Science graduate with hands-on experience in Java, Spring Boot, REST API development, MySQL, and Android development. Skilled in building backend applications using Spring Data JPA, Hibernate, JWT authentication, and third-party API integrations. Interested in Java Backend Development and Software Engineering.

Work Experience

UNESSA Foundation June 2026 – September 2026
Android Developer Intern *Remote*

- Developed and maintained Android applications using Java and Android Studio.
- Designed responsive interfaces and integrated REST APIs and Firebase services.
- Debugged application issues and improved application performance and user experience.

Education

University of Mumbai 2023 – 2026
B.Sc. in Computer Science *Mumbai, India*

Projects

- **NewsWave — Java, Spring Boot, MySQL, REST API** GitHub
  - Developed a full-stack news aggregation platform using Java, Spring Boot, MySQL, HTML, CSS, and JavaScript.
  - Designed REST APIs for fetching headlines, category-based articles, and keyword-based news search through NewsAPI.
  - Implemented backend service and repository layers using Spring Data JPA and Hibernate for database operations and news management.
  - Built responsive article pages with search, category navigation, bookmarking, and reading history.
- **BlogSphere — Java, Spring Boot, Spring Security, MySQL, JWT** GitHub
  - Developed a blog management backend using Spring Boot, Spring Data JPA, Hibernate, and MySQL.
  - Implemented secure authentication and authorization using Spring Security and JWT.
  - Created REST APIs for user registration, login, and blog management with persistent database operations.
- **Nova AI — Java, Spring Boot, MySQL, JWT, Groq API** GitHub
  - Developed an AI-powered workspace with a Java Spring Boot backend and Groq LLM API integration.
  - Integrated Groq services to process user prompts and generate conversational AI responses.
  - Implemented JWT authentication, MySQL data management, and an interactive conversation workspace.
- **AI Interviewer — HTML, CSS, JavaScript, Chart.js** Live Demo
  - Built an interactive interview platform supporting Java, Android, Web Development, and HR interview preparation.
  - Implemented dynamic questions, keyword-based answer evaluation, and automated feedback reports.
  - Integrated speech recognition, text-to-speech, performance analytics, and downloadable PDF reports.

Technical Skills

Programming Languages: Java, Python, SQL
Backend: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, REST APIs, JWT Authentication
Frontend: HTML, CSS, JavaScript
Databases: MySQL, MongoDB, Firebase, Room
Tools: Git, GitHub, IntelliJ IDEA, Android Studio, Maven, Postman
Other: Android Development, Groq API

Achievements & Certifications

- **SuperHack 2025 Global AI Hackathon** – Participated in a global AI hackathon organized by SuperOps and AWS.
- **IBM SkillsBuild** – Introduction to Artificial Intelligence (July 2026).
- **MongoDB** – MongoDB Overview: Core Concepts and Architecture (August 2026).
- **HackerRank** – Java (Basic) and SQL (Advanced) Certificates.
- **Tableau** – Tableau Certificate.