

Ritik Khare

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SUMMARY

Java Spring Boot Developer with hands-on experience in building RESTful backend services using Core Java, Spring Boot, and Spring Data JPA. Strong understanding of microservices architecture and MySQL database integration. Familiar with Docker-based containerization and basic Kubernetes concepts. Seeking an entry-level Java backend or Spring Boot developer role.

EDUCATION

- **Vellore Institute of Technology, Chennai** 2025
Master of Computer Applications (MCA); CGPA: 8.81/10
- **Bundelkhand University, Jhansi** 2023
Bachelor of Computer Applications (Honours); CGPA: 7.5/10

PROJECTS

- **Identity & Access Management (IAM) Platform** 2025
 - Developed a secure backend application using Java and Spring Boot with RESTful APIs.
 - Implemented JWT authentication, RBAC, and OTP verification using Spring Security.
 - Designed modular backend services following microservices-oriented principles with MySQL integration.
 - Containerized the application using Docker for consistent deployment.

Technologies: Spring Boot, Spring Security, JWT, MySQL, Docker, REST APIs, React
- **Enhanced Multi-Layered Authentication System** 2025
 - Built an advanced authentication system using passwords, visual cryptography, and AI-based face recognition.
 - Implemented FaceNet recognition, liveness detection (MediaPipe), and emotion verification (DeepFace).
 - Integrated OTP regeneration and email-based authentication alerts.

Technologies: Python, Flask, FaceNet, MediaPipe, DeepFace, OpenCV, Visual Cryptography, AI
- **Multiple Facial Recognition and Automated Attendance Posting** 2025
 - Developed a multi-face recognition-based attendance system using FaceNet and OpenCV.
 - Published research work at ICICS-2025 (Taylor & Francis).

Technologies: Python, AI, Streamlit, FaceNet, OpenCV

SKILLS

- **Languages:** Java (8+), Python
- **Backend:** Spring Boot, Spring Security, Spring Data JPA, REST APIs, Microservices, Flask
- **DevOps & Containers:** Docker, Kubernetes (Basics)
- **Cloud (Basic):** AWS
- **Database:** MySQL
- **Web:** React.js, HTML, CSS, JavaScript (ES6+), JSON
- **Security:** JWT, RBAC, BCrypt, OAuth (Basics)
- **Testing:** JUnit 5, Mockito
- **Tools:** Git, GitHub, Maven, IntelliJ IDEA, VS Code
- **Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Backend System Design

CERTIFICATIONS

- **Meta Back-End Developer Professional Certificate – Meta (via Coursera):** View Certificate
- **SQL (Intermediate) – HackerRank:** View Certificate