

Rajesh Kumar

Software Developer
Greater Noida, India

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Summary

Java Software Developer with strong backend expertise and experience building enterprise banking applications. Skilled in writing optimized Java code, integrating relational databases using SQL, fixing production issues, and delivering scalable, maintainable backend systems.

Technical Skills

Programming: Java, Python, SQL

Backend Development: Spring, JDBC, REST APIs

Databases: MySQL, MongoDB

Code Quality: SonarQube

Core CS: Data Structures, Algorithms, OOP

Tools: Git, Linux

Experience

Newgen Software Technologies Ltd. — Software Engineer
Noida, India

Feb 2025 – Present

- Developing backend components for an enterprise **Trade Finance application** used by **Indian and international banks**.
- Implementing business logic using Java and integrating services via optimized SQL queries.
- Building JavaScript functions to support application workflows.
- Resolving SonarQube code quality issues to improve performance and maintainability.
- Collaborating with senior engineers and QA teams to deliver production-ready releases.

Projects

Gesture-Controlled Computer Interface — Python, OpenCV

- Designed backend workflows for a real-time gesture-based control system.
- Focused on modular design, performance optimization, and clean coding practices.

Real-Time Expiry Date Detection Using OCR and Webcam — Python, EasyOCR, OpenCV

- Built an OCR-based system to extract expiry and manufacturing dates from product labels.
- Automated CSV logging with timestamps for traceability and inventory management.

Education

Bachelor of Technology — Computer Science Engineering (Machine Learning) Nov 2021 – Jun 2025
Noida Institute of Engineering & Technology CGPA: 8.2

Intermediate (Class XII) — Jawahar Navodaya Vidyalaya, Lucknow

2020 — 87%

High School (Class X) — Jawahar Navodaya Vidyalaya, Lucknow

2018 — 86%

Achievements & Certifications

- Winner, CodeTantra Code-A-Thon; Participant, Smart India Hackathon 2023.
- Recipient of Full Tuition Fee Waiver Scholarship.
- Certifications: IBM AI, IBM Watson, Infosys ML, Rice University Statistics.