

# Rajesh Kumar

Software Developer

Greater Noida, India

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## Summary

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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

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**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

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**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

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**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

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**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

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- 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.