Rishabh Gupta

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 LinkedIn   GitHub   LeetCode   Portfolio

Dehradun, Uttarakhand, India

PROFESSIONAL SUMMARY

Backend Java Developer or Spring Boot Developer specializing in **Java and Spring Boot**, with expertise in **Spring Security, RESTful API development, and cloud deployment**. Experienced in building **secure, scalable backend systems** including video streaming platforms, e-commerce applications, and AI-powered solutions with strong foundations in Data Structures and Algorithms.

TECHNICAL SKILLS

Languages: Java (Java 8+), C

Frameworks: Spring Boot, Spring Security (JWT, OAuth2, OTP, One-Time Token), Spring Data JPA, Spring AI

Backend & Architecture: REST APIs, System Design Basics

Cloud & DevOps: CloudFlare R2, Docker, Render, CI/CD Basics

Databases & Caching: MySQL, Redis Cache, Vector Databases

Testing & Tools: JUnit 5, Mockito, MockMvc, Git, GitHub, Swagger-API, Postman

Core Concepts: OOPs, DSA, API Security, RAG, Embeddings

PROJECTS

Video Stream – On-Demand Video Streaming App   Live Demo | GitHub | Sep 2025 – Nov 2025
- **Tech Stack:** Spring Boot, Spring Security, Spring AI, FFMPEG, CloudFlare R2, Docker-Compose, CI/CD
- Implemented **HLS-based adaptive bitrate video streaming**. for smooth playback.
- Built **chunk-based APIs**, reducing initial load time by 60%.
- Secured platform using **JWT, OAuth2, OTP, and RBAC**, and passwordless login with One Time Token.
- Optimised video upload concurrency using Java Virtual Threads enabling lightweight, scalable parallel uploads without delay.

SnapBuy – E-Commerce Application   Live Demo | GitHub | Jun 2025 – Aug 2025
- **Tech Stack:** Spring Boot, Spring Security, Spring AI, Redis Cache, Stripe, MySQL, Docker
- Built a **RAG-based chatbot** using Redis Vector DB for product queries.
- Implemented **JWT + OAuth2** authentication with OTP verification also use passwordless login with One Time Token.
- Improved API performance using **Redis caching** and optimized JPA queries.
- Integrated **Stripe** for secure online payments.

Yojna Setu (AMD Hackathon by Hack2Skill)   GitHub | Feb 2026 – Ongoing
- **Tech Stack:** Java 8+, Spring Boot, Spring AI, Gemini API, RAG, MongoDB Atlas Vector Search, REST APIs
- Built a voice-first, multilingual AI to help rural citizens access welfare gov schemes.
- Integrated Spring AI (RAG) with MongoDB Atlas Vector Search for PDF-based government scheme retrieval.
- Delivered a solution combining robust engineering with social impact, empowering low-literacy users to claim benefits.

EDUCATION

Graphic Era Deemed to be University, Dehradun   Aug 2024 – July 2027
- Bachelor of Computer Applications (BCA – Core), CGPA: **8.5**

Sri Raghukul Vidyapeeth, Civil Lines, Gonda   Apr 2022 – May 2024
- CBSE - PCM, Grade: **84**

CERTIFICATIONS & ACHIEVEMENTS

Solved 400+ DSA problems on LeetCode

Oracle Certified AI Foundations Associate – Link

SAP Certified - SAP Generative AI Developer – Link

JP Morgan Software Engineering Job Simulation (Forage) – Link