

SMRITI

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SUMMARY

Backend Software Engineer with 2+ years of experience architecting scalable REST APIs and microservices in Java and Spring Boot, with production deployments on AWS. Strong track record in secure authentication systems, database performance optimization, and third-party API integrations at scale (10,000+ active users), alongside hands-on experience applying Generative AI (Spring AI, OpenAI, Gemini) to backend workflows.

EXPERIENCE

Software Engineer, *Start AND Grow, Lucknow, India*

May 2024 – Nov 2024

- Architected RESTful APIs and microservices in Java and Spring Boot for multiple enterprise client applications, increasing backend throughput by 35%.
- Refactored SQL queries and backend logic to cut average API response time by 20%, improving system latency under load.
- Engineered an event-driven Email Notification service from scratch with configurable templates and automated triggers, decoupling notification logic from core business workflows.
- Owned integration of WordPress/WooCommerce plugins with backend services, delivering secure, real-time API connections for client production environments.

Software Engineer, *CEDCOSS Technologies Pvt. Ltd., Lucknow, India*

Jan 2023 – Mar 2024

- Designed and built Java-based REST APIs connecting WooCommerce with Shopee, Qoo10, and Discogs marketplaces, powering product/order sync for 10,000+ active users.
- Architected a secure, token-validated OTP verification system using Spring Boot, Spring Security, and JWT, reducing unauthorized access attempts by 98%.
- Led root-cause analysis on critical production issues, improving system reliability and cutting recurring backend errors.

Junior Web Developer, *Satrix Technologies Pvt. Ltd., Lucknow, India*

Jun 2021 – Dec 2022

- Developed and maintained production WordPress applications using custom PHP themes and plugins for client-facing systems.
- Implemented authentication and role-based access control layers, strengthening application-level security.
- Optimized database queries and backend performance, measurably improving page load times.

PROJECTS

ShopKart – E-commerce Platform (*Java, Spring Boot, MySQL, AWS, Swagger*)

- Architected a full-featured e-commerce platform with role-based Admin, Seller, and Customer access, secure authentication, and end-to-end cart/order management; deployed on AWS and documented all REST endpoints with Swagger/OpenAPI for interactive API specs.

Cosmic Star – AI Astrology Platform (*Java, Spring Boot, Spring AI, Gemini API*)

- Designed an AI-powered prediction service combining rule-based business logic with Gemini API prompt engineering to generate personalized, structured results from user input.

RefineSnap AI – Image Generation Platform (*Java, Spring Boot, Spring AI, OpenAI API*)

- Engineered a non-blocking, asynchronous image generation service integrating OpenAI DALL-E, designed to handle concurrent generation requests without blocking the main thread.

Taskify – Task Management System (*Java, Spring Boot, Hibernate, MySQL*)

- Built a role-based task management system and optimized Hibernate/JPA query patterns (lazy loading, batching) to reduce database round-trips by 40%.

SKILLS

Languages: Java, JavaScript, PHP, SQL

Backend: Spring Boot, Spring MVC, Spring Security, Spring Cloud, Hibernate, JPA, JDBC

Databases: MySQL, PostgreSQL

Cloud & Tools: AWS (EC2, S3, Lambda), Docker, Git, Swagger/OpenAPI, Postman

AI/ML: Spring AI, OpenAI API, Gemini API

Security: JWT Authentication, OAuth 2.0, Role-Based Access Control

EDUCATION

Master of Computer Applications (MCA), Azad Institute of Engineering & Technology

2022 – 2024

Bachelor of Computer Applications (BCA), Institute of Management, Research and Technology

2019 – 2022

CERTIFICATIONS

Java and Spring Boot Certified Developer – Telusko

Spring AI - GenAI Certified Developer – Telusko