

Pranit K

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Professional Summary

Results-driven Java Backend Developer with 1 year of experience building scalable backend applications using Java, Spring Boot, REST APIs, PostgreSQL, and AWS. Strong in OOP, Spring Data JPA, Hibernate, database design, API development, exception handling, and backend architecture, with hands-on AWS exposure. Growing specialization in Generative AI, LLMs, and Agentic AI, including AI integration, automation, and intelligent backend architectures. Strong problem-solving skills with a focus on maintainable, secure, scalable, and production-ready services.

Core Competencies

Java Backend Development • Spring Boot • RESTful API Development • Object-Oriented Programming (OOP) • Data Structures & Algorithms • Spring Data JPA • Hibernate / ORM • PostgreSQL • SQL & Database Design • Microservices Architecture • API Integration • Exception Handling • Authentication & Authorization • AWS Cloud Services • Git & GitHub • Maven / Gradle • Unit Testing • Debugging & Troubleshooting • GenAI & LLM Integration • Agentic AI Concepts • AI-Assisted Backend Development • Agile / SDLC

Technical Skills

Programming Languages: Java, SQL, Python, JavaScript

Backend Development: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, RESTful APIs, Microservices, API Integration, Object-Oriented Programming (OOP)

Database: PostgreSQL, SQL, Database Design, Relational Database Management Systems (RDBMS), Query Optimization, Transactions

Security & Authentication: Spring Security, JWT, Authentication, Authorization, Role-Based Access Control (RBAC), BCrypt

Cloud & DevOps: AWS, EC2, S3, RDS, Lambda, API Gateway, CloudWatch, Docker, Kubernetes, CI/CD

Testing & Development Tools: JUnit, Mockito, Postman, Git, GitHub, Maven, IntelliJ IDEA

AI & Emerging Technologies: Generative AI (GenAI), Large Language Models (LLMs), Prompt Engineering, Agentic AI, AI Application Integration

Core Concepts: Data Structures & Algorithms, Exception Handling, Multithreading, Java Collections, Design Patterns, SOLID Principles, Clean Code, SDLC, Agile

Certifications

Agentic AI certified Foundations Associate, 2026 • Introduction to Generative AI, 2023 • Google Foundatons in Cybersecurity, 2024 • Google AI Essentials, 2024 •

Professional Experience

JAVA Developer

Sep 2025 – Present

HCLTech

Pune, MH

- Developed and maintained scalable backend services using **Java, Spring Boot, Spring Data JPA, Hibernate, and RESTful APIs**, implementing business logic and reusable application components.
- Designed and integrated **RESTful APIs** with request validation, exception handling, authentication, authorization, and standardized response handling for backend applications.
- Implemented database operations using **PostgreSQL, SQL, JPA, and Hibernate**, including entity relationships, CRUD operations, transactions, and query optimization.
- Secured backend APIs using **Spring Security, JWT, BCrypt, and Role-Based Access Control (RBAC)**, implementing authentication and authorization mechanisms.
- Developed and tested application components using **JUnit, Mockito, and Postman**; performed debugging, defect resolution, API testing, and code reviews to improve application reliability and maintainability.
- Worked with **AWS cloud services** including EC2, S3, RDS, Lambda, API Gateway, and CloudWatch, while applying Agile development practices and exploring **Generative AI, LLM, and Agentic AI** integration into backend applications.

Projects

Profit Intelligence System for retail products using cost selling analysis

Personal Project, 2026

JAVA, Springboot, PostgreSQL

- Developed a **Profit Intelligence System** using **Java, Spring Boot, REST APIs, and PostgreSQL** to automate cost-selling analysis, calculate product-level profit margins, and generate profitability insights, reducing manual analysis effort by **40%**.

Education

Bachelor of Engineering in Computer Engineering

SPPU University, Pune, — Graduated June 2025

CGPA: 8.87/10

Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Distributed Systems, Cloud Computing