Prathamesh Borse

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GitHub | LinkedIn | Portfolio

Summary

Java Backend Developer with 3.5 years of experience designing and scaling Spring Boot microservices in production environments. Strong background in API design and cloud-native deployments (AWS, Docker, Kubernetes). Experienced in improving performance, reliability, and security across enterprise-scale backend systems.

Skills

- **Programming Skills:** Java, JavaScript, SQL
- **Frameworks / Libraries:** Spring Boot, Spring MVC, Spring Security, Spring Data JPA, JUnit, Mockito
- **Tools & Technologies:** SQL Server, MySQL, MongoDB, Git/GitHub, AWS, Docker, Generative AI

Education

University of Pune, BE in Information Technology   August 2019 – July 2022
- GPA: 8.78/10

Experience

Associate Consultant, Infosys – Pune   Oct 2024 – Present

- Modernized a **Spring Boot** application by refactoring modules and upgrading dependencies, improving response time by 20%.
- Developed **RESTful microservices** using **Java 21** and **Spring Boot**, improving scalability and maintainability by 25% for a Banking Application.
- Replaced vulnerable JDBC prepared statements with **Spring Data JPA**, eliminating **SQL** injection risks and improving data access **performance** by 60%.
- Implemented **Spring Cache** to optimize frequently accessed endpoints, reducing average response time from 2243ms to 400ms.
- Established unit and integration testing using **JUnit** and **Mockito**, achieving 90% code coverage and reducing production regressions.
- Designed and executed disaster recovery strategies (active-active, active-passive), improving system **resilience** and **high availability**.

Software Engineer, Persistent Systems – Pune   July 2022 – Sep 2024

- Built and maintained scalable **RESTful APIs** using **Java 21**, **Spring Boot** and MySQL improving system performance by 8%.
- Integrated **JWT**-based authentication and optimized request-response cycles, reducing average page load time by 10% and improving API throughput.
- Designed **Kafka**-based real-time message processing pipelines for **asynchronous** event-driven systems using Confluent Cloud, with SASL authentication.
- Optimized **PostgreSQL** data models by leveraging nested JSON columns, improving query efficiency by 20% while supporting flexible schemas.
- Integrated **RESTful backend APIs** consumed by React applications, supporting multiple frontend modules with consistent data contracts.
- Delivered high-quality Java code using Spring and Hibernate, consistently meeting internal code quality and reliability standards.

Projects

AI Resume Analyzer

- Built an AI-powered resume analysis **microservices** platform using **Java 21** and **Spring Boot** to parse resumes and job descriptions.
- Processed 20+ sample resumes and job descriptions to extract and analyze technical skills.
- Implemented NLP-based text extraction and semantic skill matching using **Hugging Face** models.
- Generated **automated** PDF reports with skill-match scores, role recommendations, and learning resources in under 2 seconds.
- Visualized insights using pie charts and skill-frequency graphs to improve interpretability.

Blogging Application

- Developed a secure blogging platform using **Spring Boot** and **JWT** authentication, contributing to a 5% increase in user satisfaction related to account security.
- Incorporated user feedback to enhance post creation and editing workflows, improving feature usability by 10%.

Certification and Achievements

- AWS Certified Cloud Practitioner
- Microsoft Azure Fundamentals AZ-900
- Contributed to the **IBM**, **DigitalOcean** at the Hacktoberfest Event
- Actively Contributed at **GirlScript Summer of Code 21**