Prashant Sharma

Java Full Stack Developer

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SUMMARY

Java Full Stack Developer with 5+ years of hands-on experience, specializing in the end-to-end development of Java-based web applications and services in Financial and IT industry.

TECHNICAL SKILLS

Methodologies:	SDLC, Agile, Waterfall, RAD
Language:	Java, C, C++, JavaScript, Python
Frameworks:	Spring, Spring MVC, Kafka, Hibernate, Junit, Spring-Boot, Microservices, Typescript, ES6
Web Technologies:	HTML5, CSS3, XML, AJAX, JSP, Angular 2.0, Backbone JS, Node JS, ReactJS, Express, Bootstrap
J2EE Technology:	Servlets, JSP, JSTL, JavaBeans, JDBC
Application Server:	JBOSS EAP 6.3&6.4, Apache, Tomcat, Web Sphere, Java Server, Jetty
Cloud Technologies:	AWS, Microsoft Azure, Google Cloud Platform
Database Management:	MySQL, PostgreSQL, Mongo DB, Oracle, SQL
IDEs:	Eclipse, TOAD, NetBeans, Visual Studio code
Other Technical Skills:	Git, GitHub, SAX, and parsers, RESTful, SOA, DOM, UML, MS Visio, Maven, Gradle, CI CD Tools (Kubernetes, Jenkins), Data Structures, Jira, MS Office Suite, Bitbucket, SonarQube, POSTman, SVN Ant, Swagger, Mockito, React Testing Library, Jest, Jasmine, Flask, Django, Flutter

PROFESSIONAL EXPERIENCE

Java Full Stack Developer | Northern Trust, CA **Sept 2022 – Present**

- Developed and maintained a robust Java Spring Boot backend to support asset management functionalities, ensuring efficient data processing and management.
- Implemented factory Design Pattern to ensure a loosely coupled architecture, improving system scalability by 25%.
- Integrated Kafka for real-time data streaming, optimizing data processing and reducing latency.
- Utilized Hibernate as the Object-Relational Mapping (ORM) tool for Database Persistence to perform CRUD operations from the MySQL database and optimize query performance.
- Designed and implemented dynamic user interfaces using React, enhancing the frontend experience for clients accessing their investment portfolios.
- Implemented MongoDB for efficient data storage and retrieval, contributing to a noteworthy 30% decrease in latency.
- Configured Amazon Virtual Private Cloud (VPC) to isolate the project's resources and provide a secure and isolated network environment for the application, ensuring data privacy and security.
- Deployed Docker containers for the asset management system, ensuring consistency across development, staging, and production environments, reducing deployment errors by 40%.

Java Full Stack Developer | HCL Tech, India **Jan 2019 – Sept 2021**

- Developed modules for on-boarding new customers and maintained back-end using Spring Boot features, resulting in a 30% reduction in on-boarding time.
- Implemented dashboard using Spring Boot & Angular to display blended and boosted personalized policies for customers.
- Designed modules to monitor the back-end system’s performance and status using Prometheus & Grafana, providing real-time insights to the team.
- Implemented RESTful API micro-services using Spring Boot, resulting in a 30% increase in service efficiency.
- Deployed scalable microservices on AWS EC2 by employing Docker improving deployment speed by 40%.
- Implemented authentication and authorization using Spring Security & JWT to ensure secure access to sensitive data.
- Developed unit tests using JUnit, Mockito, JMockit achieving a 90% code coverage using TDD.
- Managed and maintained (CI/CD) pipelines using Jenkins and Git, ensuring smoother, error-free deployments and 50% reduction in release cycle time.
- Implemented Swagger Request Validation for automatic validation of incoming API requests, ensuring compliance with defined specifications for formats, constraints, and authentication.

Java Full Stack Developer (Intern) | Exert Infotech, India **Oct 2017 – Dec 2018**

- Designed & implemented back-end Java classes using Spring framework, leading to 25% reduction in data access latency.
- Utilized Spring’s IOC, AOP and Auto Wiring concepts in developing the application and to enforce dependency injection.
- Participated in code reviews by giving constructive feedback to other team members that improved code quality by 15%.
- Utilized Hibernate for database mapping, improving data retrieval efficiency by 20%.
- Used version control tool GIT to perform checking-out and checking-in of code from the repository.

EDUCATION

Master of Science in Computer Science & Engineering – Santa Clara University, Santa Clara, California, USA

Bachelor of Engineering in Computer Engineering – University of Mumbai, Mumbai, India