Varsha Varala
Full Stack Java Developer

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OBJECTIVE

Experienced Java Developer with 5 years of experience in designing, developing, and optimizing enterprise-level applications. Proficient in Java, Spring Boot, Hibernate, and Microservices architecture, with expertise in building scalable and high-performing solutions. Experienced in banking applications, distributed systems, and RESTful web services. Skilled in CI/CD pipelines, containerization, and private cloud deployments, with a strong foundation in Agile methodologies and relational databases like Oracle and MySQL. Adept at delivering robust solutions while ensuring code quality and seamless deployments.

EDUCATION

Master of Computer Science, University of Central Missouri   May 2023 - Dec 2024
Relevant Coursework: Adv Algorithms, Operating Systems, Adv Databases, Software Eng.   3.6/4.0 GPA

Bachelor of Computer Science, Mahatma Gandhi Institute Of technology

Relevant Coursework: Object Oriented Programming.

SKILLS

Languages	Java, SQL, HTML, XML, Basics of Kotlin& C, Java Script.
Frameworks	Spring (Spring MVC, Spring Boot, Spring Security), Hibernate
Java/J2EE	Servlets, JSP, JDBC, JPA, Web Services (SOAP, Rest, WSDL)
Front-End	React JS, HTML, CSS
Databases	MySQL, Oracle, DBMS, Cassandra, Mongo, Redis
App Servers	Apache Tomcat, JBoss
Build & CI/CD	Docker, Kubernetes, Jenkins, Maven, Jules.
Cloud	AWS, Azure Functions, Cloud Development (AWS Lambda, S3, EC2, IAM)
Tools	Kafka, Job Scheduling, Windows Services, DevOps, Git, Eclipse, SQL Developer, Log 4j.
Security	JWT, OAuth2, Single Sign-On (SSO), Kerberos, Cloud Security.
Testing	Junit, Mockito, SonarQube, Swagger UI
Methodologies	OOP, Agile, Scrum, Design Patterns (Singleton, Prototype, DAO Factory pattern, Session Façade)
Networking	TCP/IP, HTTP, IPv4, Web API (REST)
Others	Algorithms, System Design, Data Structures, XSLT, XML, XSD, Splunk, Dynatrace, Messaging Queue, Log4j, Excel, MS Word, WinSCP, SVN Tortoise, Kanban

EXPERIENCE

Cognizant Technology Solutions | JPMorgan and Chase   Nov 2021 – May 2023
Programmer Analyst   Hyderabad, India

Responsibilities:

- Designed and developed external services using JSON-based configurations, automated deployment pipelines with Jules YAML configurations and Jenkins, and successfully deployed services to the GAIA private cloud, ensuring seamless integration with existing Restful APIs and microservices.
- Migrated critical banking services from legacy pools (X and Y) to the Z pool within the GAIA private cloud, leveraging Java, Spring Boot, and JDBC for seamless service operation and connectivity.

- Orchestrated the migration of databases from MariaDB to GOSS DB, implementing Kerberos authentication and adapting code using Hibernate and JDBC for secure and efficient database connectivity
- Upgraded existing services from Java 8 to Java 11, refactoring legacy code to incorporate modern Java features, enhance application performance, and adhere to banking sector security standards.
- Integrated tools like SonarQube and Splunk into the development pipeline for continuous code quality assurance and real-time monitoring of Restful APIs and microservice.
- Collaborated with cross-functional teams in an Agile environment, utilizing Scrum practices to deliver high-quality banking applications, focusing on Spring Boot microservices and distributed systems.
- Supported the QA team by fixing several UAT defects and actively managed defect tracking and resolution, ensuring timely updates and issue resolution during daily standup meetings, contributing to faster turnaround on defect fixes.

Environment: Java, Spring Boot, Rest API, YML, Maven, Eclipse, JDBC, JSON, Junit, Jenkins, CI/CD, Jules, Postman, Swagger UI, SQL developer.

Tata Consultancy Services | Standard Chartered Bank   June 2019 – Nov 2021

Systems Engineer   Chennai, India

Responsibilities:

- Engineered robust banking solutions for Standard Chartered Bank by developing applications within CEMS, CVM, and CCB ICP frameworks, enhanced operational workflows, improving processing speeds across platforms.
- Integrated Hibernate into existing systems, streamlining database interactions and achieving a decrease in query response times, resulting in faster transaction processing and improved overall customer satisfaction.
- Built and consumed several RESTful web services, facilitating seamless integration between banking systems and reducing transaction processing times.
- Designed and optimized complex SQL queries and database schemas in Oracle and MySQL, improving query performance and significantly reducing application response times.
- Collaborated with cross-functional teams to streamline development processes, achieving consistent delivery of high-quality code, while maintaining agile methodologies for optimal performance.
- Implemented cross-cutting concerns like logging, security, transaction management, and exception handling using Spring AOP, enhancing maintainability and reducing defect rates while accelerating development cycles.

Environment: Java, Spring MVC, Hibernate, MySQL, SOAP UI, XML, JSP, Servlet, JDBC, JPA, Spring Security, SQL, GIT, WSDL.

V9 Carinae   July 2018 – June 2019

Junior Software Engineer   Hyderabad, India

Responsibilities:

- Utilized Git for version control and contributed to maintaining the codebase
- Assisted in designing, developing, and testing Java-based applications following client requirements.
- Wrote and executed unit test cases using JUnit to ensure code quality.
- Actively participated in code reviews and knowledge-sharing sessions
- Gained hands-on experience with modern frameworks like Spring, Hibernate, and Maven/Gradle.

Environment: Java, Spring MVC, Hibernate, Tortoise SVN, Java Script, XML, Soap UI, Servlet, JSP

PROJECTS

AI-Powered Customer Support Assistant:

Built a chatbot using Java and OpenAI APIs to automate customer queries and provide real-time assistance, improving customer satisfaction and reducing support response times.