

## PROFESSIONAL SUMMARY

Software Engineer with **4 years** of experience in full-stack web application development, utilizing DevOps and Cloud Technologies. Proficient in Java, adhering to the full Software Development Life Cycle (SDLC). Specialized in developing RESTful APIs following microservice architecture, CI/CD processes using Docker and Jenkins, and Agile methodologies. Achieved and maintained a code quality of 95%, ensuring high-quality code delivery and reducing post-production defects by 30%.

## TECHNICAL SKILLS

<b>Programming Languages</b>	Java, Python, C++, SQL
<b>Frameworks and APIs</b>	Spring Boot, Hibernate, RESTful API, JSON, SOAP, Microservices
<b>Web Technologies</b>	HTML, CSS, JavaScript, React, Angular
<b>Databases</b>	MS SQL Server, MYSQL, PostgreSQL, MongoDB, NoSQL
<b>Cloud Technologies</b>	GCP, AZURE, AWS
<b>Testing</b>	Unit Testing, Test-Driven Development (TDD), Selenium, JUnit, Mockito
<b>CI/CD</b>	Jenkins, Docker, Kubernetes, Maven, Gradle
<b>Tools</b>	Eclipse, IntelliJ IDEA, Git, Apache Tomcat, SonarQube.
<b>Logging</b>	Log4j, SLF4J

## WORK EXPERIENCE

**Client:** Walmart

**Dec 2021 – Present**

**Role:** Software Engineer

- Led all phases of Software Development Life Cycle (SDLC), including requirements gathering, modeling, analysis, design, development, and testing. Efficiently managed project tasks using **JIRA**.
- Applied **Agile Development** methodologies to design **Microservices** using **Java 11**, incorporating **Spring Boot** and **Spring Data JPA**. Leveraged **Java 8** functionalities, including Lambda Expressions and Stream APIs, to optimize data processing.
- Optimized the Meat and Produce Order release and Grocery Distribution Center orders, resulting in \$20M transportation cost savings.
- Versatile in Java development, utilizing **Bash scripting** for automation. Proficient in integrating **JSON** for dynamic processes, API interactions, and shell scripting optimizations, ensuring system efficiency.
- Used **Big Query** in **GCP (Google Cloud Platform)** for data analytics and large data sets querying, enabling data-driven decision-making. Executed complex **SQL** queries, including stored procedures and complex logic, for the **MS SQL Server Database**, resulting in a 30% improvement in data processing efficiency.
- Implemented **Redis caching** strategy to optimize data retrieval and enhance overall system performance, resulting in a 25% reduction in latency for frequently accessed data.
- Integrated **Istio** as a **service mesh** solution to improve microservices communication, enforce security policies, and provide observability. This led to a 30% reduction in inter-service communication issues and enhanced fault tolerance.
- Orchestrated the adoption of **Microsoft Azure Service Bus** to optimize messaging and communication within the application architecture, enhancing system scalability and reducing message latency by 40%.
- Containerized microservices and deployed applications on **WCNP (Walmart Cloud Native Platform)**, utilizing **Looper** for streamlined development. Integrated the **Jenkins** Continuous Integration/Continuous Deployment (**CI/CD**) pipeline, optimizing deployment workflows.
- Implemented **Kafka** for high-throughput, real-time event streaming, enhancing data processing efficiency and facilitating seamless communication between microservices.
- Collaborated on end-to-end development of a responsive UI using **HTML**, **CSS**, **JavaScript**, and **ReactJS**. Played a key role in consolidating access to optimized reports, improving streamlined business operations.
- Developed and integrated **Grafana** and **Prometheus**, achieving real-time visualization, monitoring, and alerting. This resulted in a 30% decrease in average response time, enhancing application performance.
- Spearheaded an initiative to elevate test coverage to 95%, addressing Sonar issues with **SonarQube**. Ensured system stability through rigorous **Mockito** for **JUnit 4&5** testing and implemented **Splunk** for comprehensive log analysis, enhancing code quality.
- Implemented the **Karate** framework for integration and automation testing, driving a 20% reduction in testing time and ensuring comprehensive feature validation through precise test practices.

**Client: AT&T**

**Jun 2021 – Dec 2021**

**Role: Java Full Stack Developer**

- Coordinated technical discovery, collaborated on high-level architectural design, requirements gathering, and service design. Implemented open API specifications through **Swagger** for seamless API documentation, ensuring alignment with business needs for storing customer geolocation and bandwidth data.
- Proficient in **Java 8** and **Java 11**, utilizing **Object-Oriented Programming (OOP)** principles, **Multithreading**, **Concurrency**, and **Collections Framework**. Created secure **RESTful APIs** with OAuth2 token-based authentication using **Spring Security** for sensitive customer data.
- Deployed **MongoDB** for scalable data storage, configured Mongo Sharding for scalability enhancement, and used Java 11 features for query optimization in MongoDB tables.
- Orchestrated containerized services, deploying **Docker** images through **Azure Kubernetes clusters** via **Azure Container Service (ACS)**, leveraging Azure's robust scalability and regional availability.
- Designed and implemented a fully automated CI/CD pipeline using **Jenkins**, reducing deployment time by 25%.
- Participated in code review sessions, executed comprehensive unit testing protocols for software validation, resulting in a 30% reduction in post-release defects and ensuring reliable code performance.

**Client: Gordon Food Services**

**Dec 2020 – Jun 2021**

**Role: Java Developer**

- Engineered and deployed legacy applications on **Oracle WebLogic Application Server**. Spearheaded a successful migration to **microservices** architecture, resulting in a reduction of \$70000 in maintenance costs for the legacy application.
- Designed and maintained **REST API** services in Java, orchestrating the migration to **AWS**. Leveraged AWS services like Amazon Elastic Container Service (**ECS**), Amazon Elastic Kubernetes Service (**EKS**), and **AWS Lambda** for microservices architecture. Employed **Amazon DynamoDB** for data migration from **Oracle Database**, enhancing data storage and retrieval efficiencies.
- Resolved frontend and backend issues to ensure seamless application functionality. Improved recipe and inventory UI screens using **HTML**, **CSS**, and **JavaScript**, resulting in a 15% increase in customer retention.

**Client : Cloud Technologies**

**Jul 2018 – Jul 2019**

**Role: Associate Software Engineer**

- Collaborated with a team to develop **12+ Spring Boot Microservices** following the **Agile development** methodology.
- Applied Hibernate and JPA frameworks to format SQL database queries, ensuring efficient and accurate communication with **MySQL** and **PostgreSQL**, resulting in improved data retrieval speed and reduced query execution time by 35%.
- Implemented **Amazon Web Services**, utilizing **AWS EC2** for application deployment and **AWS RDS** for database management. Improved system reliability and efficiency with **AWS CloudWatch** for monitoring and logging.
- Engineered highly interactive and responsive user screens using **JavaScript** and **Angular**, increased user engagement by 40%.

## EDUCATION

**Master of Science, Computer Science**

**Aug 2019- Aug 2021**

Texas A&M University, Kingsville, TX

**Bachelor of Engineering, Computer Science**

**Sep 2014- Jun 2018**

Jawaharlal Nehru Technological University, Hyderabad, India

## CERTIFICATIONS

Oracle Certified Associate Java programmer (OCAJP) - Java SE 8

AWS Certified Developer Associate