RISHITH CHINTHAMANI
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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

Programming Languages	Java, Python, C++, SQL
Frameworks and APIs	Spring Boot, Hibernate, RESTful API, JSON, SOAP, Microservices
Web Technologies	HTML, CSS, JavaScript, React, Angular
Databases	MS SQL Server, MYSQL, PostgreSQL, MongoDB, NoSQL
Cloud Technologies	GCP, AZURE, AWS
Testing	Unit Testing, Test-Driven Development (TDD), Selenium, JUnit, Mockito
CI/CD	Jenkins, Docker, Kubernetes, Maven, Gradle
Tools	Eclipse, IntelliJ IDEA, Git, Apache Tomcat, SonarQube.
Logging	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.
- 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 50%.
- 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 20% enhancement in customer processes.
- 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 create a web application using **Java** and **Spring framework** 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