

Sai Kumar Reddy

Senior Full Stack Java Developer

+1(602) 842-8825 | sairedyputha1@gmail.com | <https://www.linkedin.com/in/sairedyputha1/>

SUMMARY:

- Experienced **Java Backend Developer / Senior Software Developer** with **5+ years of experience** in developing, and maintaining highly scalable, secure, and distributed enterprise applications.
- Expert in **Java 17/11/8, Spring, Spring Boot, Hibernate, JPA, RESTful Web Services, Data Structures, and Design Patterns.**
- Deep knowledge of **Microservices Architecture, Event-Driven Systems**, and distributed design.
- Strong expertise in **API engineering**, including **REST, and GraphQL**—designing resolvers, schema-first APIs, and optimizing query performance.
- Proficient in **ReactJS, NextJS, JavaScript, HTML5, and CSS3**, enabling seamless full-stack integrations and modern, responsive UI development.
- Advanced proficiency with **MySQL, Oracle, PostgreSQL, and MongoDB** including schema design, query tuning, and database performance optimization.
- Hands-on experience with **AWS** services including **Lambda, SQS, S3, RDS, API Gateway, EC2**, and VPC to build scalable enterprise workloads.
- Skilled in **Docker** and **Kubernetes**, enabling efficient application deployment, workload orchestration, and scalable cloud-native architecture.
- Implemented secure authentication/authorization patterns including **OAuth2, JWT, and RBAC.**
- Extensive experience with **Jenkins, Git, Maven, GitHub**, and automated CI/CD pipelines, ensuring continuous integration, code quality, and streamlined deployments.
- Proficient in **JUnit, Selenium, Postman**, and integration testing frameworks to maintain high-quality, reliable software deliverables.
- Implemented structured logging using **Log4j/SLF4J**, enabling traceability across distributed systems.
- Integrated logging and monitoring with **Prometheus, Grafana** and **ELK Stack**, improving real-time analytics, alerting, and root-cause investigation.
- Strong involvement in **Agile/Scrum** practices, leading sprint planning, standups, retrospectives, and guiding cross-functional teams.
- Experienced with **GitHub Copilot** to enhance productivity, refactor legacy code, and accelerate development cycles.

TECHNICAL SKILLS:

Programming Languages	Java17/11/8, Python, Scala, JavaScript, TypeScript
Core Java	Multithreading, Collections, Stream API, Lambdas, Functional Interfaces.
Framework	Spring Core, Spring MVC, Spring Security, Spring Boot, Spring Data JPA
Databases and Storages	Oracle, MySQL, PostgreSQL, MongoDB, Cassandra, DynamoDB, AWS RDS
Monitoring Tools	Prometheus, Grafana, Splunk, ELK Stack.
Unit Testing	JUnit, Mockito, Jest, Postman, JMeter.
Version Control	Git, GitHub, Bit Bucket.
Cloud	AWS (EC2, S3, RDS, Lambda, ECS, CloudWatch), Azure App Services.
Build & deploy CI/CD Tools	Maven, Gradle, Jenkins, Docker, and Kubernetes.
Reporting and Incident Management	Jira, ServiceNow, Confluence.
Methodologies	Scrum Agile and Scrum Ban.

PROFESSIONAL EXPERIENCE:

Client: Nutrisystem, Remote

Jan 2025 – Present

Role: Sr. Java Backend Developer

Responsibilities:

- Developed and enhanced **backend RESTful services** using **Java 17 and Spring Boot** to support product catalog, meal plans, user profiles, and subscription workflows.
- Implemented **business logic** for calorie-based meal recommendations, product eligibility checks, and inventory validation.
- Integrated **payment gateways** (Braintree and SVS Gift Card) to support secure checkout and subscription payments.
- Designed and consumed APIs following **REST standards**, using **Swagger/Open API** for documentation and testing.
- Implemented **JWT-based authentication and role-based authorization** using Spring Security to secure APIs.
- Used **Redis caching** to store frequently accessed reference data (product metadata, configuration rules), improving API response times and reducing database load.
- Developed **scheduled and asynchronous jobs** for order processing, payment verification, and subscription renewals using Spring scheduling and async processing.
- Integrated **AWS S3** using AWS SDK to retrieve and process customer review data for internal reporting and analysis.
- Wrote **unit and integration tests** using **JUnit, Mockito, and Spring Test**, ensuring code reliability and regression coverage.
- Monitored application behavior using **AWS CloudWatch** and logs, assisting in debugging and incident resolution.
- Collaborated with product owners, QA, and support teams in an **Agile/Scrum environment** to deliver features and fix production issues.

Environment: Java 17, Spring Boot, REST APIs, Spring Security (JWT), Oracle DB, Redis, JUnit, Mockito, AWS (S3, IAM, Lambda, CloudWatch), Jenkins (CloudBees), SonarQube, Swagger/Open API, Agile.

Client: Wipro, India

Jun 2018 – Dec 2022

Role: Software Developer

Responsibilities:

- Developed and maintained **backend microservices** using **Java (8/11), Spring Boot, and RESTful APIs** to support enterprise applications.
- Implemented **event-driven communication** using **Apache Kafka and RabbitMQ** for asynchronous processing between services.
- Built and optimized **REST APIs** and assisted in developing **GraphQL endpoints** for efficient data exchange across systems.
- Worked on **data migration and synchronization** using **Oracle databases, Goldengate, and Kafka**, supporting near real-time data consistency.
- Developed and maintained **frontend components** using **React.js, Redux, Hooks, and TypeScript**, collaborating closely with backend teams.
- Assisted in **migrating monolithic applications** to **Spring Boot–based services** deployed on **AWS and Azure App Services**.
- Improved backend performance through **JPA/Hibernate query optimization**, multithreading, and reusable Java utility components.
- Wrote **unit and integration tests** using **JUnit, Mockito, and Jest**, and supported CI/CD pipelines using **Jenkins and GitHub Actions** in an Agile environment.

Environment: Java 8/11, Spring Boot, REST APIs, Kafka, RabbitMQ, Oracle, PostgreSQL, MySQL, MongoDB, JPA/Hibernate, React.js, Redux, TypeScript, JavaScript, HTML5, CSS3, AWS (Lambda, S3, RDS), Azure App Services, Docker, Git, Jenkins, GitHub Actions, JUnit, Mockito, Jest, Jira, Agile/Scrum

EDUCATION:

Master of Computing and Information Systems

Youngstown State University

Bachelor of Engineering

Lovely Professional University

Jan 2023 – Dec 2024

Youngstown, Ohio

Aug 2014 – Jun 2018

Punjab, India
