

# Rahul Shivanathri

## Java Full Stack Developer

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### PROFESSIONAL SUMMARY

Results-driven **Java Full Stack Developer** with 6+ years of experience delivering **scalable, distributed, and cloud-native enterprise applications** across healthcare, finance, and e-commerce domains.

- Designed and implemented **microservices architectures** using Spring Boot, improving system reliability and scalability.
- Expert in **Java 17, Spring Boot, Microservices, REST APIs, React.js, Angular, VXML, and IVR systems**.
- Skilled in **cloud platforms** (AWS, GCP, Azure) and **DevOps practices** including Docker, Kubernetes, Terraform, and CI/CD pipelines (GitLab, Jenkins).
- Delivered **high-performance, secure, and scalable systems**, reducing latency by 30% and improving user satisfaction.
- Strong experience with **PostgreSQL, MySQL, and MongoDB**, including query optimization, indexing, and schema design for scalable microservices.
- Hands-on experience with **event-driven architectures** using Apache Kafka and ActiveMQ for real-time data processing.

### SKILLS

**Languages & Frameworks:** Java 17, Python, Node.js, Spring Boot, Spring MVC, Hibernate, REST APIs, Microservices

**Front-End:** React.js, AngularJS, HTML5, CSS3, Bootstrap, jQuery, AJAX

**Cloud & DevOps:** AWS (EC2, Lambda, S3, RDS, IAM, CloudWatch), GCP (Cloud Run, Functions, Big Query), Azure (VMs, Functions, App Services), Docker, Kubernetes, Jenkins, GitLab CI/CD, Terraform, SonarQube

**Databases:** MySQL, PostgreSQL, MongoDB, Cassandra, Oracle, SQL Server

**Messaging & Streaming:** Apache Kafka, ActiveMQ, JMS

**Testing & Tools:** Maven, JUnit, Mockito, Postman, Swagger, Log4j, Splunk

**Methodologies:** Agile (Scrum), TDD, Code Reviews, System Design, High Availability, Load Balancing, Performance Tuning

### PROFESSIONAL EXPERIENCE

USAA — Dallas, TX, Java Full Stack AWS Developer

(May 2024 – Present)

- Architected **Spring Boot microservices** for password authentication and MSR management, improving system reliability and security.
- Built **RESTful APIs** for seamless service integration across platforms.
- Implemented **Apache Kafka** for real-time, event-driven processing, reducing latency for high-volume operations.
- Managed **AWS resources (EC2, Lambda, IAM)**, ensuring scalable and cost-efficient infrastructure.
- Migrated legacy **Voice line system to Talon**, modernizing backend workflows.
- Developed **Spring Boot REST APIs and IVR workflows using VXML and JavaScript**, enhancing system reliability, performance, and scalability for high-volume voice interactions.
- Orchestrated **CI/CD pipelines with GitLab** and containerized deployments using **Docker**, ensuring consistency across environments.
- Collaborated with cross-functional teams on integration, performance tuning, and distributed system design.

Digital Ellanky — India, Java Lead Engineer

(Jan 2022 – Aug 2022)

- Led design and development of **scalable Spring Boot microservices** across healthcare, education, and e-commerce platforms.
- Automated cloud infrastructure using **AWS CloudFormation**, reducing manual provisioning.
- Built and integrated **REST APIs** for seamless communication between legacy and modern systems.

- Implemented **role-based security via Spring Security**, protecting sensitive data for enterprise clients.
- Enhanced **UI/UX with React.js, AngularJS, Bootstrap**, increasing client satisfaction by 25%.
- Configured **CI/CD pipelines**, accelerating release cycles and improving deployment reliability.
- Optimized **DynamoDB operations** for high efficiency and horizontal scalability.

#### Jiyyo Innovations — India, Java Full Stack Developer

(Jul 2021 – Jan 2022)

- Engineered **distributed Spring Boot microservices** for Jio Mitra e-Clinic, improving rural healthcare access by 40%.
- Developed and optimized **REST APIs and backend operations (Hibernate, MongoDB)**, reducing response times by 20%.
- Implemented **GCP Cloud Functions** for serverless, scalable workloads during peak demand.
- Secured data with **JWT + Spring Security**.
- Enabled **real-time data streaming using Apache Kafka**, synchronizing clinics with urban doctors.
- Standardized deployments using **Docker**, ensuring smooth environment transitions.

#### Cognizant Technology Solutions — India, Programmer Analyst (Java FSD)

(Dec 2018 – Jul 2021)

- Developed **high-performance Spring Boot microservices** supporting 500K+ daily users.
- Built optimized **REST APIs** for AngularJS front ends, enhancing system responsiveness.
- Managed AWS cloud resources (**EC2, S3**) for optimal performance and cost efficiency.
- Automated deployment pipelines using **Jenkins**, reducing release cycles by 50%.
- Integrated **ActiveMQ** for real-time messaging in distributed systems.
- Containerized applications with **Docker**, standardizing environments and improving reliability.

#### Sapient Public Sector — India Java Full Stack Developer

(Mar 2018 – Nov 2018)

- Developed **Spring MVC applications** with REST APIs integrated into AngularJS front ends.
- Configured **MySQL and Oracle databases** for high-transaction workloads, improving throughput by 30%.
- Built reusable Spring components to accelerate development and ensure maintainability.
- Implemented **CI/CD pipelines and automated testing** (JUnit, Mockito, Postman) for reliable releases.

#### KEY PROJECTS

- **Event Sphere**  
End-to-end event management platform secured with **OAuth2** roles (admins, users). Admins manage events in multiple cities; users can register, Wishlist, and search. Integrated **AWSS3** for efficient image storage and retrieval.
- **E-Commerce Web Portal**  
Multi-user e-commerce platform using **Angular** frontend and **Spring Boot** back end. Implemented **JWT-based authentication** to safeguard transactions, enabling product browsing, cart management, and secure checkout.

#### EDUCATION

- **Master of Science in Information Systems Technology**      Wilmington University, DE, USA      (Dec 2023)
- **Bachelor of Technology in Computer Science Engineering**      Anurag Group of Institutions, India      (Mar 2017)

#### CERTIFICATIONS

- Java Enterprise Apps with DevOps - from NIIT.
- Received Java Certification from IIT Bombay
- TASK: Oracle certified