

Rahul Shivanathri *Java Full Stack Developer*

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📍 Dallas, TX

🌐 LinkedIn

🔗 Portfolio

Summary

- Results-driven **Java Full Stack Developer** with **5+ years of experience** designing, developing, and deploying scalable enterprise applications across diverse domains, including healthcare, e-commerce, and finance.
- Proficient in building cloud-native microservices using **Java (17)**, **Spring Boot**, and **RESTful APIs**, with expertise in front-end frameworks (**React.js & AngularJS**).
- Adept at leveraging cloud platforms such as **AWS**, **GCP**, and **Azure** to deliver highly available, cost-efficient solutions. Strong background in DevOps practices with **Terraform**, **Kubernetes**, **Docker**, and CI/CD pipelines (**GitLab**, **Jenkins**).
- Key Achievements:
 - **Designed and implemented robust microservices architecture** with **Spring Boot** and **Spring Data JPA**, optimizing data persistence and scalability for enterprise-grade applications.
 - **Enhanced real-time data streaming** by integrating **Apache Kafka** for asynchronous communication, reducing event processing latency by 30% across multiple platforms.
 - **Streamlined deployments** by leveraging **Docker** to containerize applications, achieving environment consistency and reducing deployment downtime by 25%.
 - **Accelerated infrastructure automation** by integrating **AWS CloudFormation** and **Terraform**, reducing provisioning time by 50% and ensuring scalable, secure deployments.
 - **Secured API communication** by implementing **JWT** with **Spring Security**, safeguarding sensitive user data and improving authentication workflows in telemedicine platforms.

Skills

Languages & Frameworks: Java (17), Node.js, JavaScript, Spring Boot, Spring MVC, Hibernate, RESTful APIs, Microservices Architecture, Kotlin

Front-End Technologies: Angular, React, Redux, HTML5, CSS3, Bootstrap, XML, jQuery, AJAX

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

Databases: MySQL, PostgreSQL, MongoDB, Cassandra (Performance Optimization, Scalability), Oracle, SQL Server, Firebase

Messaging & Streaming: Apache Kafka, ActiveMQ, JMS (Event-Driven Architecture)

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

Performance & Reliability: Performance Tuning, High Availability, Load Balancing, Caching Techniques

Collaboration & Methodologies: Agile (Scrum), TDD, Cross-Functional Communication, Project Leadership, Code Reviews, Process Optimization

Other Tools & Technologies: Git, Visual Studio Code, Apache Tomcat, Nginx, Gradle, IntelliJ IDEA, Tableau, OAuth

Certificates

NIIT - Java Enterprise Apps with DevOps

IIT Bombay - Java Certification

TASK : Oracle Certified

Professional Experience

Java Full Stack AWS Developer, USAA Global

May 2024 – present

- Architected microservices with **Spring Boot** for password authentication and MSR management, improving system reliability, security, and user satisfaction.
- Designed and published **RESTful APIs**, facilitating seamless service interaction and enhancing user authentication across platforms.
- Implemented **Apache Kafka** for event-driven architecture, enabling real-time streaming and reducing event latency for faster user operations.
- Administered **AWS EC2**, **Lambda**, and **IAM**, ensuring secure, cost-effective infrastructure scalability for authentication services.
- Orchestrated development pipelines with **GitLab CI/CD**, expediting feature rollouts and decreasing time-to-market by 40%.
- Deployed and maintained **Docker** containers integrated with AWS, achieving consistency across development, staging, and production environments.
- Coordinated within **Agile teams**, aligning solutions with business goals while consistently delivering key features on schedule.

Java Lead Engineer, Digital Ellanky

Jan 2022 – Aug 2022 | India

- Spearheaded the development of enterprise-level microservices using **Spring Boot**, enabling scalability across industries like healthcare, education, and e-commerce.
- Automated deployment workflows through **AWS CloudFormation**, reducing manual overhead and ensuring infrastructure consistency.

- Constructed and integrated **RESTful APIs** for smooth communication between legacy systems and new services, boosting performance.
- Enforced application security via **Spring Security** and role-based access controls, safeguarding sensitive data for finance and IT clients.
- Designed and enhanced user interfaces with **React.js**, **AngularJS**, and **Bootstrap**, achieving a 25% improvement in client satisfaction metrics.
- Configured CI/CD pipelines using **GitLab**, accelerating build and release cycles and minimizing manual intervention in deployment processes.
- Refined database operations with **DynamoDB**, improving system efficiency and scalability for IT and e-commerce projects.

Java Full Stack Developer, Jiyyo Innovations

Jul 2021 – Jan 2022 | India

- Engineered distributed **Spring Boot** microservices for the Jio Mitra e-Clinic platform, improving healthcare access in rural communities by 40%.
- Developed and optimized **RESTful APIs**, streamlining data exchange between microservices to reduce response times by 20%.
- Applied **GCP Cloud Functions** for serverless processing, delivering cost-effective scalability during high-demand periods.
- Secured sensitive data by combining **JWT** with **Spring Security**, enhancing user authentication and access control.
- Crafted intuitive **React.js** and **Bootstrap** user interfaces, simplifying telemedicine adoption for non-technical users.
- Tuned backend operations with **Hibernate ORM** and **MongoDB**, minimizing database query delays and boosting retrieval efficiency.
- Facilitated real-time communication through **Apache Kafka**, enabling instant data synchronization between clinics and urban doctors.
- Standardized deployments with **Docker**, ensuring smooth transitions between development and production environments.
- Participated actively in **Agile workflows**, contributing to sprint planning, retrospectives, and continuous process improvements.

Programmer Analyst - Java Full Stack, Cognizant Technology Solutions

Dec 2018 – Jul 2021 | India

- Produced high-performance **Spring Boot** microservices, ensuring system reliability and scalability for enterprise-wide solutions.
- Created and optimized **RESTful APIs** for **AngularJS** front ends, facilitating enhanced data interactions for 500K+ daily users.
- Managed cloud resources using **AWS EC2** and **S3**, achieving optimal performance while balancing infrastructure costs.
- Streamlined releases through **Jenkins** automation, reducing deployment cycles by 50% and ensuring faster feature delivery.
- Integrated **ActiveMQ** for real-time message handling, enhancing event processing and reducing communication delays.
- Containerized applications via **Docker**, achieving standardization across development, testing, and production phases.
- Monitored and diagnosed system health using a custom-built production checkout tool, preempting downtime and increasing availability.
- Contributed to **Scrum ceremonies**, ensuring alignment within teams and timely completion of deliverables.
- Addressed critical production issues, resolving them rapidly to maintain uptime and user satisfaction.

Java Full Stack Developer, Sapient Public Sector

Mar 2018 – Jul 2018 | India

- Developed modular **Spring MVC** applications, ensuring maintainability and reducing upgrade complexity.
- Configured and optimized **MySQL** and **Oracle** databases for high-transaction scenarios, enhancing throughput by 30%.
- Delivered real-time data synchronization by exposing **RESTful APIs** via **Spring MVC**, integrating seamlessly with **AngularJS** front ends.
- Leveraged reusable **Spring components**, accelerating development timelines and enabling efficient feature addition.
- Improved system durability by implementing robust error-handling and exception-management practices.
- Automated build, test, and deployment workflows with CI/CD pipelines, reducing errors and enhancing release speeds by 25%.
- Validated application functionality through comprehensive testing using **JUnit**, **Mockito**, and **Postman**, ensuring high-quality delivery.

Education

Master of Science in Information Systems Technology,

Aug 2022 – Dec 2023 | DE, US

Wilmington University

Relevant Coursework: IT Policy & Strategy, Info Security, Data Management & Design, Networking, Cloud Management, Web & Data Security, Incident Handling, Project & Change Management, OS & System Security, Field Internship

Bachelor of Technology in Computer Science Engineering,

Sep 2013 – Mar 2017 | India

Anurag Group of Institutions