

SAI TEJA SHAGA

JAVA FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Java Full Stack Developer with 5.5+ years of experience designing and developing scalable backend services, **RESTful APIs**, and microservices using **Java 8/11/17**, **Spring Boot**, and modern front-end technologies. Experienced in building event-driven solutions using **Apache Kafka**, optimizing application performance, and supporting high-availability systems through automated testing and Agile delivery practices. Skilled in relational and NoSQL databases including **Cassandra**, with expertise in troubleshooting, performance tuning, CI/CD, and enterprise application development. Familiar with **BlazeMeter**, **FMEA**, and **TrueCD** validation practices for improving software quality, reliability, and deployment confidence.

TECHNICAL SKILLS

Java and Backend: Java 8/11/17, Spring Boot, Spring MVC, Spring Data JPA, REST APIs, SOAP APIs, Hibernate, Microservices, Apache Kafka, GraphQL, Event-Driven Architecture

Frontend: React, Next.js, Angular, TypeScript, JavaScript, Redux Toolkit, Zustand, React Query (TanStack Query), HTML5, CSS3/SCSS, Tailwind, Material UI

Databases: Oracle, PostgreSQL, MySQL, MongoDB, Redis, Cassandra, PL/SQL

Security: Spring Security, OAuth2 (Auth Code/Client Credentials), JWT, RBAC, OWASP

Testing: JUnit, Mockito, Jest, Jasmine, Selenium, Postman, BlazeMeter, FMEA, TrueCD

DevOps/Cloud: AWS (EC2, S3, Lambda, RDS), Azure, GCP exposure, Docker, Kubernetes, Jenkins, GitHub Actions, Git/GitHub, Bitbucket, Jira, Confluence, Maven, Gradle, PowerShell, GitHub Copilot

Methodologies: Agile/Scrum, TDD/BDD, Domain-Driven Design (DDD), DevOps Principles, AI-augmented Development Workflows, Copilot-assisted Delivery

CERTIFICATIONS

- **AWS Certified Solution Architect – Associate (SAA-C03)**, **Microsoft Certified: Azure Fundamentals (AZ -900)**

WORK EXPERIENCE

Java Full Stack Developer, Enterprise Mobility, USA **04/2025 – present**

- Developed and supported 10+ enterprise applications using **Java 17**, **Spring Boot**, TypeScript, and React, delivering scalable backend services while maintaining high code quality through unit testing, debugging, peer reviews, and continuous refactoring.
- Designed and implemented high-performance **RESTful APIs** and backend components using **Spring Boot**, enabling seamless data exchange between distributed systems and client applications while improving response times and service reliability.
- Built and enhanced event-driven integrations using **Apache Kafka**, supporting real-time data processing, asynchronous communication, and reliable message delivery across multiple business workflows and downstream services.
- Strengthened application reliability through component, integration, and performance testing activities, collaborating with QA teams on **BlazeMeter** validation and deployment verification processes aligned with **TrueCD** practices.
- Troubleshot and optimized backend services by performing root-cause analysis, improving system resilience, and participating in structured risk-assessment activities following **FMEA** methodologies to reduce production incidents.
- Served as primary on-call engineer and release coordinator, managing incident triage, deployment support, cross-functional collaboration, and monthly production releases with minimal service disruption.

Java full stack developer, Staples, USA **11/2024 – 03/2025**

- Implemented secure employee and operational access solutions using **Spring Boot**, **Spring Security**, **OAuth2**, **JWT**, and **RBAC**, supporting both single-tenant and multi-tenant business workflows.
- Delivered inventory and reorder management functionality through Angular and React/Next.js applications, integrating backend APIs and reusable UI components to improve operational efficiency and user experience.

- Enhanced reliability of approval, authentication, and inventory workflows by developing automated test cases and improving regression coverage across business-critical functionality.
- Built multi-stage inventory lifecycle services and workflow orchestration logic using **Oracle PL/SQL** and backend APIs, improving visibility into order status and approval processing.
- Developed bulk-upload and reporting capabilities using **Spring Boot** and Apache POI, validating operational data and optimizing database queries to improve reporting performance by approximately 30%.
- Supported CI/CD activities through Jenkins, Bitbucket, and PowerShell automation, improving release consistency and reducing deployment effort through repeatable delivery pipelines.

Java Full Stack Developer, Verizon, USA

11/2022 – 05/2024

- Developed **Spring Boot microservices** and **RESTful APIs** supporting catering operations, inventory management, menu customization, and payment processing, enabling streamlined self-service ordering workflows.
- Integrated backend services with React and TypeScript applications, enabling students and faculty to place orders, schedule events, and track fulfillment through responsive and user-friendly interfaces.
- Improved application performance by optimizing **Spring Data JPA** queries, implementing caching mechanisms, and enhancing database access patterns, resulting in approximately 30% faster response times during peak usage periods.
- Secured APIs and application workflows using **JWT**, OAuth, and role-based access controls, reducing security vulnerabilities through structured validation, sanitization, and secure coding practices.
- Increased platform reliability through automated testing using **JUnit**, Mockito, and Postman, reducing regression issues and improving release stability across multiple sprint cycles.
- Collaborated with business stakeholders and development teams to translate operational requirements into technical solutions, delivering workflow enhancements and real-time status tracking capabilities within Agile environments.

Java Full stack developer, MPHASIS LIMITED, India

02/2021 – 07/2022

- Developed and maintained scalable backend services and **RESTful APIs** using **Java 8**, **Spring Boot**, and Spring MVC, supporting banking applications and enabling secure transaction processing across distributed systems.
- Designed and optimized data access layers using Hibernate/JPA and Oracle while gaining exposure to **Cassandra** data modeling concepts for handling large-scale, high-volume transactional datasets.
- Built and enhanced Angular-based user interfaces integrated with backend services, improving operational efficiency and enabling seamless access to banking workflows and customer information.
- Implemented enterprise integration solutions using Apache Camel and ActiveMQ, supporting reliable message routing, transformation, and communication between multiple banking platforms.
- Contributed to **Kafka-based event-driven architecture** by processing transaction events, managing retry mechanisms, monitoring message flows, and supporting near real-time synchronization across enterprise services.
- Performed API validation, deployment verification, and production support activities while collaborating with QA teams on **BlazeMeter** performance testing, **TrueCD** deployment validation, and **FMEA-based** quality improvement initiatives.

Java full stack developer, COUGAR TECH, India

08/2019 – 01/2021

- Built and enhanced **Spring Boot / Spring MVC** REST APIs for a hospital patient portal covering **appointments, patient registration, and visit history**.
- Implemented core modules such as **doctor availability scheduling, appointment booking/rescheduling, and basic notifications** (email/SMS triggers via service integration).
- Developed **billing and payment-related** backend flows (invoice summary, dues, receipt generation) and integrated portal screens with backend services in coordination with the UI team.
- Enabled **lab reports/results viewing** by integrating with internal lab systems via REST/SOAP endpoints, adding filtering/search and secure download access.
- Implemented healthcare-grade security practices: **role-based access control** (patient/admin), **JWT-based session handling**, input validation, audit-friendly logging, and secure API design to protect PHI.
- Supported testing and releases by writing **JUnit/Mockito** unit tests, validating APIs with **Postman**, fixing production defects, and participating in **Agile** ceremonies (Jira, code reviews, sprint delivery).

EDUCATION

Master of Science in Computer Science - University of North Texas, Denton