Vishal Nagvadiya

Senior Java Developer

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PROFESSIONAL GOALS

Java Developer with 5.5 years of experience specializing in Backend Development. Skilled in Microservices Architecture, RESTful Web Services, and API Development using Spring Boot, Java, and Apache Kafka. Strong background in Spring Framework, Hibernate/JPA, and Database Management with hands-on experience in MySQL, PostgreSQL, Oracle, and MongoDB. Proficient in designing scalable, high-performance backend systems, integrating APIs, and optimizing database interactions. Proven success in reducing system latency, improving security, and driving backend innovations. Experienced in collaborating with cross-functional teams in Agile environments, with a strong passion for learning new technologies and helping businesses grow through continuous innovation.

TECHNICAL SKILLS

- **Languages:** Core Java, Java 8+, Advanced Java, JavaScript, TypeScript, SQL
- **Frameworks:** Spring, Spring Boot, Spring MVC, Hibernate, JPA, Angular 10+
- **Tools & Platforms:** Jenkins, Apache Kafka, Redis, Docker, JMeter, iReport, Git, SVN, Maven
- **Databases:** MySQL, PostgreSQL, Oracle Database, MongoDB
- **Servers & Deployment:** Apache HTTP Server, Tomcat 9, JBoss EAP
- **Operating Systems:** Windows Server, Linux (RHEL 9.4)
- **Cloud Platforms:** Microsoft Azure, TCS Internal Cloud (Vistara Platform)

WORK EXPERIENCE | 5.5 Years

Tata Consultancy Services, August 2019 – Present

1. **Role:** Senior Java Developer (Aug 2023 – Present)
   Project: *TCS Products - Invoice Management System (IMS), Unified Tax System (UTS)*

- **Development:** Led and developed RESTful APIs and microservices of core modules like invoice processing, notification services, document generation, tax processing, compliance processing and tax audit microservices using Java, Spring, Spring boot and JPA, ensuring scalability, security, and performance.
- **Integration:** Integrated Apache Kafka for asynchronous communication and enhanced system performance by implementing batch processing, optimizing JPA queries, and introducing parallel data handling, resulting in a 25% reduction in system latency during high-volume operations.
- **Security:** Implemented JWT, API Key authentication, and role-based access control (RBAC); improved observability with centralized logging, monitoring, and distributed tracing.
- **CI/CD Automation:** Contributed to Jenkins pipeline improvements for faster and more reliable microservice deployments, reducing manual intervention and errors.
- **Leadership:** Mentored junior developers, conducted code reviews, collaborated with cross-functional teams (QA, DevOps, Business Analysts) for end-to-end feature delivery, and optimized team skills for better project outcomes.
- **Client Collaboration:** Participated in client discussions for requirement gathering and architecture reviews, leading to better alignment of technical solutions with business needs.

2. **Role:** Module Lead (Aug 2021 – July 2023)
   Project: *Tax & Invoice Management System - Legacy Modernization – Monolith to Microservices Migration*

- **Migration:** Led migration of monolithic application to microservices architecture, significantly improving scalability, modularity, and deployment flexibility for different business modules.

- **Development:** Built Spring Boot microservices with API Gateway, service discovery, and Docker containerization, enhancing system reliability and maintainability.
- **CI/CD:** Designed and implemented Jenkins CI/CD pipelines for automated deployment of microservices and Angular apps on Linux VMs (RHEL), improving release speed and reducing manual errors.
- **Cloud Deployment:** Deployed Spring Boot microservices on Azure Cloud using Azure App Services, ensuring high availability and scalability.
- **Testing:** Conducted rigorous testing, debugging, and performance tuning to ensure stability, optimal performance, and a seamless user experience.
- **Reporting:** Developed a Jasper-based PDF generation framework supporting multi-language customization, improving document generation performance and flexibility for client needs.

3. **Role:** Developer (Aug 2019 – Aug 2021)
   Project: *iTax and TIMS - Kenya Revenue Authority (KRA), eTax – Uganda Revenue Authority (URA)*

- Worked on bug fixing and implementing new enhancements in the iTax Application, utilizing JSP for the front-end and Java, Spring, and Hibernate for the back-end, ensuring reliable functionality and optimal performance.
- Developed RESTful APIs and SOAP web services to enable seamless communication and data exchange between systems for the eTax platform.
- Contributed to the development of the Tax Invoice Management System (TIMS) using Angular 10 for the front-end and Spring Boot, JPA, and Hibernate for the back-end, improving system functionality and user experience.
- Worked on technology migration from Struts to Spring MVC for the eTax System for Payment and Return Module.
- Enhanced the quality, fixed security issues, and optimized the performance of the TCS Core Tax Framework to ensure a secure and efficient environment.
- Developed native Android applications using Java to implement several tax-related functionalities for the Tax System, improving mobile access and usability.
- Worked on a client demo project leveraging Spring Boot, Angular, and Spring microservices, delivering a modern and scalable solution for the client.

EDUCATION

- **B.E. Computer Engineering | 2015 - 2019 | 7.7 CGPA**
  Gujarat Technological University, Government Engineering College, Bhavnagar
- **HSC (Science-Math) | 2013 - 2015 | 73.2%**
  Gujarat Secondary and Higher Secondary Education Board

CERTIFICATIONS

- Master Java Web Services and RESTful API with Spring Boot - Udemy
- Java Full Stack with Spring Boot and Angular - Udemy

SOFT SKILLS

- Leadership and Mentorship
- Problem-Solving and Analytical Thinking
- Effective Communication and Learning Agility
- Collaboration in Cross-Functional Teams
- Client Engagement
- Technical Presentation & Training