Sanjeev Panday

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SUMMARY

Technical Leader and Solution Architect experienced in building and scaling enterprise-grade systems, driving architecture modernization, and leading high-performing teams. Adept at aligning technology with business goals, fostering engineering excellence, and delivering secure, cloud-ready, and resilient solutions through modern development practices.

SKILLS

Backend : Java, Spring Boot, Microservices Architecture, RESTful APIs, OSGi, API Gateway, Event-Driven Systems
Cloud & DevOps: Azure, Kubernetes, Docker, CI/CD, Dynatrace, ELK Stack
Data & Integration: PostgreSQL, Apache Cassandra, Oracle, SQL Server, Kafka, JMS, IBM MQ, API Integration
Security & Identity: Spring Security, JWT, OAuth2, OpenID Connect, Secure API Design, Threat Modelling
Engineering Practices: Agile/Scrum, Test-Driven Development (TDD), Design Patterns, Performance Optimization, Code Review, System Scalability

EXPERIENCE

Lead Developer / Architect
SITA Aero   **Dec 2022 – Present**

· Enhanced system architecture to ensure High Availability and uptime.

· Conducted comprehensive threat modeling for the product to fortify security measures.

· Successfully implemented CI/CD pipelines using Azure DevOps for efficient software development and deployment.

· Orchestrated seamless integration with Innovatrics to enable robust biometric verification capabilities.

· Implemented JWT integration with Spring Security to enhance Authentication and Authorization mechanisms

· Designed and implemented verifiable credential exchange flows for digital passports using Hyperledger Aries agents.

Senior Technical Lead
Provar   **Mar 2021 – Nov 2022**

· Seamlessly integrated SauceLabs for comprehensive crossbrowser testing, ensuring optimal compatibility.

· Mentored junior developers for improved coding skills and understanding of best practices, leading to increased overall code quality within the team.

· Managed team of 5 personnel focused on implementing resolutions and updates.

· Facilitated architectural discussions, conducted thorough code reviews, and contributed to design and development processes.

· Successfully upgraded the product to ensure compatibility with the latest Mac OS version, enhancing user experience and accessibility.

· Spearheaded the creation of a comprehensive test management solution for overseeing the entire Quality Assurance (QA) landscape.

Senior Software Developer
SITA Aero   **Nov 2017 – Feb 2021**

· Extensive experience working with JMS Queues for robust and reliable message-based communication.
· Delivered high-quality code on time by effectively managing product timelines and prioritizing tasks accordingly.
· Improved software performance by identifying and resolving bottlenecks in the code.
· Trained new developers and programmers on company standards for design and review.
· Successfully integrated with APIGEE, utilized Swagger API specifications, and developed REST APIs using Spring Boot.
· Led the design and execution of API enhancements to align with RESTful design principles, optimizing overall system performance and user experience.
· Conducted thread and heap dump analysis to drive performance improvements.

Technical Lead
Infosys and EdgeVerve Limited   **Jun 2008 – Jun 2017**

· Implemented web service integrations with third-party systems, including ABN.
· Led cross-functional teams to successfully deliver complex technology projects within agreed timeframes and budgets.
· Increased team productivity through effective collaboration, clear communication, and regular progress updates.
· Led technical design, oversaw UX design activities, and contributed to development.
· Managed data migration and orchestrated host integration with Finacle CORE/CRM platform.
· Offered technical leadership to junior personnel and other team leaders, providing expertise on system design and OOPs.

PROJECT

Cassandra Query UI
github.com/Sanjeev-Panday/QueryUI

· Engineered a cross-platform desktop solution leveraging React to empower users with seamless CQL query execution via intuitive form-based interfaces, enhancing accessibility to Cassandra database operations.

AWARDS & HONORS

Becoming an Aries Developer - Certification for Digital Identity solution.

Stanford Online - XAPRO210 - Mastering Generative AI for Product Innovation

Stanford Online - XLDR229 - Leading Innovation

Building Cloud Services with the Java Spring Framework, Apache Cassandra 3 Developer Certification

TechGIG Code Gladiator Finalist (06/2018) and Provar Hackathon (10/2022) - Mission Mars - Winner

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