Sanskar Joshi

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Summary

Full-stack developer with nearly 5 years of experience building high-performance applications using Java, Spring Boot, Python, Angular, and Oracle PL/SQL. Recognized for delivering complex solutions, improving system performance, and supporting mission-critical systems. Strong in Agile development, problem-solving, and CI/CD automation.

Professional Experience

Tata Consultancy Services Ltd

System Engineer | Nov 2023 – till Now

- Developed and maintained enterprise-grade applications for US-based clients **Wabtec (Westinghouse Air Brake Technologies Corporation)** and **GE Aviation** using **Java, Spring Boot, Python, Angular**, and **Oracle PL/SQL**.
- Delivered complex backend features, implemented business logic, designed REST APIs, and optimized microservices for performance and scalability.
- Led major database initiatives including schema changes, query optimization, and building advanced PL/SQL packages for critical production systems.
- Automated CI/CD pipelines using **Jenkins**, improving deployment consistency and reducing release time.
- Played a key role in solving high-priority production issues and minimizing downtime through proactive monitoring and quick root-cause analysis.
- Worked in a mature **Agile/Scrum environment**, taking ownership of complex stories, providing accurate estimations, and consistently delivering ahead of sprint deadlines.
- Received **multiple client appreciations** for successfully handling technically challenging tasks, delivering high-complexity features, and improving system performance.
- Participated in cross-team collaboration with architects, business analysts, QA engineers, and US onshore stakeholders, ensuring smooth delivery cycles.
- Supported release management activities, including version control, QA handovers, and validation of production deployments.

Assistant System Engineer | Jan 2021 – Oct 2023

- Assisted in developing core application modules using **Java**, **Spring Boot**, and **Oracle PL/SQL**, focusing on backend logic, API integrations, and unit testing.
- Supported senior developers in implementing feature enhancements, debugging issues, and improving code quality through refactoring and best practices.
- Contributed to creating and optimizing PL/SQL stored procedures, functions, and triggers for high-availability systems.
- Gained hands-on experience working with **Angular** for UI enhancements and building reusable components.
- Participated in **Agile ceremonies** including sprint planning, daily stand-ups, retrospectives, and backlog grooming.
- Collaborated with cross-functional teams to deliver stable and reliable features within strict timelines.
- Contributed to initial CI/CD exposure using **Jenkins** for build and deployment automation.
- Recognized internally for adaptability, quick learning, and ability to handle increasingly complex user stories.

Education

Bachelor of Engineering   Acropolis Technical Campus, Indore (MP), India | 75% | 2016-2020

MP Board (12th) Shri RK Daga Maheshwari Academy, Indore (MP), India | 73.4% |2015-2016

MP Board (10th) Shri RK Daga Maheshwari Academy, Indore (MP), India | 84.5% |2013-2014

Certifications

Azure Fundamentals(AZ-900) by Mircosoft

Java, Python, Spring boot, Pl/Sql, Angular by Udemy and Hackerrank

Android developer by Universal Informatics

Competencies

- Core Java
- Python
- PlSql
- GitHub
- Advance Java
- Django
- Jenkins CI/CD
- Html, Css &JavaScript
- Spring boot
- PySpark
- NodeJs
- Spring Security
- NumPy
- Angular

Interests

- Dancing
- Networking
- Crafting
- Cooking