SARAVANAN M S

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Dedicated and experienced Senior Systems Engineer in Insurance Application Development and Management domain around 3 years of demonstrated expertise in Java, Spring boot, Microservices, RESTful API implementation, and Agile methodologies. Proven track record in enhancing application performance, ensuring compliance with industry standards, and delivering solutions aligned with client requirements

PROFESSIONAL EXPERIENCE

Infosys, Mysore, India   Nov, 2021 – Present
Senior Systems Engineer

1. Spearheaded the **development and maintenance of mission-critical functionalities** leveraging Java and Spring Boot within a service- oriented architecture framework, crafting robust web services to seamlessly integrate disparate systems and enhance scalability and reusability.
2. Provided **dedicated production support, resolving critical tickets and bugs** promptly, and maintaining a 95% resolution rate, meeting Service Level Agreements (SLAs).
3. Played a pivotal role as a **Scrum team member, consistently meeting sprint goals** and contributing to sprint planning and execution in alignment with Agile Methodologies.
4. Demonstrated **expertise in SQL scripting, optimizing database performance by developing and refining stored procedures**, and reducing query response time by 25%.
5. Upheld **stringent Data Management practices, ensuring data integrity, security**, and compliance with regulatory requirements. Developed a new Spring boot **token service for a migration project, utilizing OAuth tokens with Client ID and Client Secret ID to enhance the security**. Implemented a token expiration every three months to maintain robust security measures.
6. Demonstrated **Strong Root cause analysis and debugging skills**, effectively identifying and resolving the issues to ensure robust and reliable backend services.
7. Led **comprehensive unit testing efforts, addressing code quality issues, and reducing bug reports** thereby enhancing Quality Assurance processes with tools like SonarQube, TestNG.
8. Expertly authored and **executed test cases with JUnit and Mockito**, ensuring thorough validation of functionality and reliability, thus enhancing software quality and stability.
9. Actively **participated in Deployment activities,** ensuring successful releases with zero downtime, utilizing **Continuous Integration/Continuous Deployment (CI/CD) pipelines** using Jenkins.
10. Utilized **IBM WebSphere Application Server for deploying applications** and conducting thorough testing in lower environments, ensuring compatibility, performance, and reliability across different stages of the development lifecycle. This hands-on experience with WebSphere demonstrates proficiency in enterprise-level deployment strategies and quality assurance practices.
11. Utilized logging tools like **Splunk and Datadog for monitoring performances and troubleshooting purposes.**
12. **Collaborated with security teams to rectify PMD violations, Fortify issues, and fortify application security, ensuring Compliance using Agent Smith portal and Compliance buddy** with industry standards, reflecting good understanding of Software Performance & Security.
13. Conducted **in-depth spike analysis (Triage track) and documentation to deliver tailored solutions aligning with client requirements**, showcasing excellent written and verbal communication skills and business thinking.

14. Leveraged **SAP Business Intelligence tools to extract data from various sources to generate actionable insights.**
15. Identified and implemented process improvements to **enhance team performance and project outcomes.**
16. Supported the team in meeting tight deadlines by managing tasks effectively and providing assistance wherever needed.

KEY ACHIEVEMENTS

1. **Insurance Domain Expertise:** Successfully built and resolved code issues related to policy creation, renewal, termination, payments, and other functionalities within the insurance domain.
2. **Refactoring and Optimization:** Refactored existing code bases and evaluated existing implementations to decide on refactoring or rewriting, enhancing code efficiency and maintainability.
3. **Regulatory Compliance:** Ensured that all developed and maintained systems complied with regulatory requirements, safeguarding data integrity and security.
4. Showcasing a **strong commitment to continuous learning** and learning new things

EDUCATION

PSNA College of Engineering and Technology**,** Tamil nadu, India   2017-2021
Bachelor of Engineering (Mechanical Engineering)
- ● Passed with CGPA of 8.32

SKILLS & OTHER

Programming: JAVA (J2EE), Spring Boot, Maven, Rest API, Microservices, SQL, GIT, Splunk/ DataDog, IBM Websphere Application Server, Data Structures and Algorithm

Technical: Application Development, Continuous Integration/Continuous Deployment (CI/CD), Security API, Root Cause Analysis, Quality Assurance, Data Management, Debugging

Soft Skills: Analytical Skills, Logical Thinking, Problem Solving, Agile Methodologies, Team Leadership, Compliance, Documentation, Communication Skills, Adaptability

TOOLS

Technical Tools: Eclipse, Maven Apache Oracle SQL Developer, Postman, SonarQube, Github, Jenkins, Putty/WinSCP, Splunk/ Datadog
Agile: Service Now, Confluence, Sharepoint, VersionOne

CERTIFICATIONS

- ● **Infosys Certified Java Programmer:** Received certification for proficiency in Java programming language.
- ● **Microsoft: AZ-900 Microsoft Azure Fundamentals:** Received for demonstrating basic cloud concepts and Azure services.