SAIKUMAR MACHAVARAM

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Professional Summary

Dynamic Software Engineer with over 3+ years of experience in Java development, adept at leveraging technologies such as object-relational mapping (ORM), and relational databases. Demonstrates proficiency in, REST APIs, and system design. Proven ability in application development and testing, ensuring operational stability and secure systems. Skilled in Agile methodologies, particularly SCRUM, with a strong focus on collaboration within diverse agile teams combined with creativity and adaptability. Committed to continuous improvement and proactive identification of issues, while maintaining attention to detail and effective communication. Seeking to contribute expertise in architecture and design artifacts, technology solutions, and coding hygiene and cultural awareness deliver high-quality software solutions.

Technical Skills:

- **Languages:** Core Java, Spring Boot, SQL, Collections, Multithreading, Oops, Design Patterns
- **Frameworks:** Spring, Spring Boot, Java8, OAuth 2.0, RBAC, RabbitMQ
- **Frontend Technologies:** HTML, CSS,Angular
- **Web Services**: RESTful web services, Swagger, Java API
- **Databases:** Oracle SQL developer, PgAdmin
- **Cloud Platforms:** AWS, Azure
- **File Transfer Protocols & Agile Methodologies :** SFTP FileZilla, SCRUM, Agile, Sprint Planning, CI/CD Practices
- **Testing Tools:** Postman, JIRA, HPALM-QC ,SoapUI, Mock frameworks, Integration Testing
- **Operating Systems:** windows
- **Soft Skills:** Leadership, Technical Documentation & Writing, Task Prioritization , Event Planning & Coordination

Work Experience:

EVIDEN, Java Developer   DEC 2021 – Present

- Organized and maintained Java-based applications, significantly enhancing vehicle data processing efficiency through the integration of systems (AM, Majestic ,GCSI).

- Optimized API performance, reducing response time and improving scalability by leveraging Spring Boot RESTful web services for VIN, UIN, and ECU Type data processing.

- Built and maintained RESTful APIs using Spring Boot, Implemented AWS cloud solutions, ensuring better application scalability and seamless deployment with Maven-based project management.

- Implemented multithreading and asynchronous processing, enhancing system efficiency and concurrency handling by
- Conducted API testing with Postman, identifying and resolving most API issues before production, ensuring high data accuracy.
- Monitored application performance metrics, identifying and resolving performance bottlenecks through query optimization and caching.
- SFTP-based file transfers using FileZilla, reducing efforts by 100% in secure data exchange processes.
- Conducted unit and integration testing using JUnit, Mockito, Postman, achieving 90%+ test coverage for robust applications.
- Collaborated in Agile SCRUM teams, participating in sprint planning, backlog grooming, and resolving JIRA-tracked issues.
- Improved Agile collaboration by streamlining sprint completion through efficient backlog grooming and issue resolution in JIRA.
- Led and interacted with Senior developers, conducting code reviews and knowledge-sharing sessions to improve development practices.

- **Projects:**

STELLANTIS

- Organized and maintained Java-based applications, enhancing vehicle data processing by through integration of systems (MAJESTIC).
- Built and maintained RESTful APIs using Spring Boot, Implemented AWS cloud solutions, ensuring better application scalability and seamless deployment with Maven-based project management.
- Implemented AWS cloud solutions, improving application scalability by 50% and ensuring seamless deployment with Maven-based project management**.**
- Conducted API testing with Postman, identifying and resolving of API issues before production, ensuring 99.9% data accuracy.
- Improved Agile collaboration, reducing sprint completion time by through efficient backlog grooming and issue resolution in JIRA and worked on UI part using Angular
- **Technologies used**: Java, Spring Boot, AWS, Maven, Oracle SQL, REST APIs, Postman, Agile (SCRUM), JIRA, SoapUI, SFTP, Angular

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NEST Workplace Pension Scheme (Web Development, API Integration)

Developed and integrated REST APIs, enhancing pension data processing speed by through efficient API triggers using Azure Functions.

Optimized database performance, reducing query execution time by with PgAdmin and PostgreSQL, ensuring seamless data retrieval.

Implemented Azure-based API solutions, increasing system reliability by enabling uptime for pension-related services.

Conducted API testing with Postman, identifying and resolving 90% of defects before deployment, ensuring smooth API integration.

Enhanced Agile collaboration, improving sprint efficiency by through structured backlog grooming and defect tracking in JIRA.

Technologies used: Java, Spring Boot, Azure Functions, PostgreSQL REST APIs, Postman, Agile (SCRUM), JIRA

Education

Priyadarshini college of engineering and Technology, Nellore

Bachelor of Technology(ECE)	**Percentage:70.01%**	Aug 2017
– June 2021		

APSWRIES Social Welfare Residential

Board of Intermediate Education, Naidupeta	**Marks:838/1000**	Jun 2015 – Mar 2017.

Certifications

- Certified AWS Solutions Architect - Associate
- Azure Fundamentals Certification (AZ-900)
- Certified AWS cloud Practitioner

Extra-Curricular Activities:

Coding Club Participant: Secured first place in regional coding competition.
Community Service Volunteer: Organized charity events and fundraisers.