SAJIL LIDHAN

Software Engineer

Bengaluru, India 560078
+91 8848089010 sajillidhan.thayyil@gmail.com
Portfolio: sajillidhan.github.io | **LinkedIn:** www.linkedin.com/in/sajillidhan

---

PROFESSIONAL SUMMARY

Experienced Software Engineer with 3+ years at 6D Technologies, specializing in enterprise application development across Telecom, Fintech, and Analytics domains. Skilled in Java, Spring Boot, Python, Microservices, SQL, and Oracle, with strong experience in event-driven systems using Kafka. Proficient in building and deploying scalable cloud-native applications through CI/CD pipelines on Kubernetes and GCP. Skilled in designing automated customer segmentation systems, developing high-performance RESTful APIs, optimizing databases, and delivering reliable, business-aligned solutions in fast-paced environments.

CORE SKILLS

- Proficient in Java & Python Programming
- Spring Boot & Microservices
- Database Integration (MySQL, Oracle)
- Performance Optimization & Troubleshooting
- Version Control (Git)
- CI/CD Pipeline Implementation (Docker, Kubernetes)
- Data Structures & Problem Solving
- RESTful API Development & Integration
- System, Application & Network Integration
- Scripting & Automation (Python, Bash/Shell)
- Agile Development (Scrum, Jira)
- Event-Driven Architecture & Cloud Platforms (Kafka, GCP)

WORK HISTORY

SOFTWARE DEVELOPER | 08/2022 to Current
6D Technologies - Bengaluru, India

- Translated numerous complex telecom requirements into scalable JSON workflows using condition-action rules, delivering a promotion management solution that improved system efficiency by 30% and aligned with technical and business objectives.
- Developed a JSON-to-XML rule engine with dynamic profile-to-column mapping across MySQL, Oracle, Hive, and HBase, enhancing system flexibility by 40% and enabling seamless cross-project integration.
- Developed Pentaho KTR workflows for automated SQL generation and integrated Redisson caching, reducing ETL latency by 35% and eliminating over 10 hours of manual data processing weekly.
- Engineered automated customer segmentation system using Python to process large-scale records daily, delivering 60% faster performance and 98% accuracy while significantly enhancing scalability of customer operations.
- Engineered seamless integrations with external APIs for promotions and rewards systems using Kafka event streams for reliable message delivery, achieving 99% accuracy across high-volume daily transactions and ensuring robust third-party connectivity.
- Implemented Kubernetes-based containerized solutions with CI/CD pipelines on GCP, doubling deployment velocity while maintaining 99% uptime across production environments.

EDUCATION

APJ Abdul Kalam Technological University - Thiruvananthapuram | Master of Computer Applications
Computer Applications, 04/2022