Aurovind Samal

# SUMMARY

Backend Software Engineer with 9+ years of experience in developing enterprise-grade applications using Java, Spring Boot, and Microservices. Skilled in REST API development, Spring Security, LDAP with strong expertise in MongoDB, Redis, and relational databases. Passionate about delivering scalable, secure, and maintainable solutions.

# SKILLS

**Backend & UI:** Core Java, Java 8, Springboot, RESTful APIs, Apache Kafka, Microservices, Data Structures **DevOps & Cloud:** Docker, Kubernetes, Git, Maven, Jenkins, CI/CD

**Databases & Others:** MYSQL, MongoDB, Redis, Agile Methodologies, System Design

# EXPERIENCE

## Associate Consultant

### GlobalLogic India Private Limited November 2021 - Present

* Designed schemas and implemented MongoDB collections with JSON schema validation to enforce data integrity.
* Developed DAO layers for MongoDB and relational databases with optimized query design for performance and scalability.
* Designed and implemented Canary Pod Monitoring for diverse campaign types, ensuring early detection of anomalies.
* Configured SLAs for campaign modules and authored business rules using Nexus Ruleset to maintain compliance and reliability.
* Built Splunk and Grafana dashboards to enable real-time monitoring and improve operational visibility.
* Refined CI/CD pipelines by integrating automated testing and continuous deployment processes, accelerating feature delivery and enhancing system reliability.
* Worked on Docker networking and volumes to enable service-to-service communication and persistent storage.

## Senior Software Engineer

### GlobalLogic India Private Limited September 2018 - November 2021, Bengaluru, India

* Integrated Marketo’s marketing automation software with Salesforce (SFDC) and Microsoft Dynamics (MSFT), enabling seamless data synchronization through scheduled sync jobs.
* Contributed to sprint planning, facilitated requirement-gathering sessions, and delivered feature enhancements to support upcoming release cycles.
* Resolved critical customer escalations by diagnosing root causes, implementing timely fixes, and supporting production teams with effective solutions.
* Developed and deployed data fixes for incorrect records generated by the application, ensuring data accuracy and stability in production environments.
* Implemented service discovery and load balancing across microservices using Kubernetes services
* Investigated, debugged, and replicated application issues; delivered hot fixes and workarounds while validating changes to ensure continued operability.
* Designed and implemented a provisioning workflow by integrating Argo Workflows with Apache HttpClient, streamlining automated process execution.
* Implemented LDAP-gated login and enforced role-based access control (RBAC) for the Godeye Application, strengthening security and access management.
* Refactored legacy codebases to improve maintainability and stability, enabling smoother third-party API integrations and more scalable data pipeline features.
* Engineered an automated pruning mechanism for campaign activities using a queue-based framework, enhancing data retention

compliance and optimizing database performance.

## Associate Consultant

### Wipro Technologies Limited April 2017 - September 2018, Bengaluru, India

* Worked of the Network Deployment Suite Process which is basically a Standardized process and workflow-based tool to roll- out, upgrade and decommission wireless networks there by supporting visibility, automation and control of complete deployment cycle.
* Designed the end-to-end workflow on Oracle JDeveloper and integrated with adapter classes and Data Bases.
* Deployed the end-to-end workflow in BPM workspace and designed the UI for various stakeholders holders (Circle Deployment, Circle Planning etc.)

## Project Engineer

### Wipro Technologies Limited November 2015 - March 2017, Bengaluru, India

* Reviewed the functional, business and high-level design requirements for Floor and Shift Management Application.
* FLASH is a web application tool to monitor, schedule, assign and automate different tasks associated with multiple application and multiple user hierarchy.
* Configured the Enterprise Content Management tool called Alfresco to download all the supporting documents for each task
* Integrated Alfresco workflows with existing project management modules, enabling secure and automated document retrieval aligned with user permissions and task lifecycle.
* Engineered seamless integrations between the FLASH application and enterprise content management tools, streamlining automated document workflows and enabling efficient collaboration across multiple user hierarchies.

# EDUCATION

## Bachelor's Degree in Electrical and Electronics Engineering

Silicon Institute of Technology • Bhubaneswar, Odisha • 2015 • 8.21