Sharath Lohidakshan

Toronto, Canada | +1(437)-733-6932 | SharathLohidakshan@outlook.com | linkedin.com/in/sharath-l

TECHNICAL SUMMARY

Cloud & API Engineer with **3 years** of experience specializing in end-to-end **CI/CD automation**, **Cloud infrastructure**, and **API integration**. Proven expertise in enhancing system reliability, reducing deployment issues by **25%,** and accelerating release cycles by **30%.** Proficient in **Azure DevOps** & **Services**, **GitHub**, and **API integration**.

SKILLS

- **Programming Languages:** Python, Shell Scripting.
- **Operating Systems:** Windows, Linux
- **DevOps Tools:** Azure DevOps, GitHub Actions, ArgoCD, Jenkins, Docker, Kubernetes, Terraform, Ansible
- **Database Management:** Oracle, MSSQL, MySQL
- **API & Integration:** MuleSoft (Anypoint Studio, API Manager, Runtime 4.x), DataWeave, REST/SOAP APIs.
- **Cloud & Monitoring:** AWS, Azure**,** Prometheus, Grafana, Splunk, Solace, ServiceNow

EDUCATION

Lambton College, Toronto, Canada **(PGDM , DevOps For Cloud Computing)** **Jan 2024 – Aug 2025**

Jeppiaar Engineering College, Chennai, India **(Bachelor's, Information Technology)** **Aug 2016 – Aug 2020**

PROFESSIONAL EXPERIENCE

Infosys Limited

Senior Systems Engineer (DevOps / Integration Engineer) **Jan 2023 – Nov 2023**

- Collaborated with 5+ business teams to design **20+ API specifications** within the MuleSoft Anypoint platform, enabling seamless enterprise data exchange.
- Developed and deployed 15+ Mule applications with complex integration flows, reducing data errors by **75%** across **10+ downstream systems.**
- Implemented robust error handling strategies using Try-Catch scopes, On-Error-Propagate, and On-Error-Continue patterns, improving application resilience and **reducing production incidents by 30%.**
- Led technical demo sessions with client managers and stakeholders, securing approvals through Jira workflows before testing phases.
- Created complex data transformations using **DataWeave** 2.0, including **JSON**/**XML** conversions, data mapping, filtering, and aggregation functions for various integration scenarios.
- Conducted API testing and validation using **Postman** collections and **SoapUI** test suites, automating regression testing and ensuring API contract compliance.
- Automated testing with **50+ M-Unit test** cases and **Splunk dashboards**, reducing production handover time by **30%** and improving **issue detection by 40%**
- Implemented **GitHub-based** version control and peer reviews, reducing code defects by **20%** and **improving team collaboration**

Environment: MuleSoft Anypoint Studio & Platform, Java, GitHub, Postman, Soap UI, Jira, Confluence, Splunk

Systems Engineer (API / DevOps Production Support Engineer) **Mar 2021 – Dec 2022**

- Delivered 24/7 production support for **100+ business-critical APIs** processing **5M+ daily transactions**, maintaining **99.9% uptime**
- Reduced Mean Time to Resolution (MTTR) from 45 minutes to 15 minutes through proactive **Splunk monitoring** and rapid incident response.
- Developed shell scripts for automated log analysis, health checks, and deployment automation, reducing **manual operational overhead by 40%**
- Managed IAM roles and LDAP access for production environments, coordinating 50+ secure credential provisioning requests with database and infrastructure teams.
- Built **Azure DevOps CI/CD** pipelines with multi-stage YAML configurations, implementing automated build, test, and deployment workflows for MuleSoft applications
- Reduced deployment time by **40%** and **post-deployment incidents** by **25%** through automated pipeline implementation.

- Leveraged Azure services including **Azure Key Vault** for secrets management**, Azure Service Bus** for messaging, and **Azure App Services** for application hosting.
- Migrated **300+ IIB applications** to MuleSoft over 18 months, designing CI/CD pipelines with Azure DevOps and GitHub Actions.
- Implemented secure credential distribution processes, ensuring compliance with security policies and maintaining audit trails.
- Orchestrated **200+ UAT and production releases** across multi-tier applications (**REST/SOAP APIs, MSSQL databases, file transfers, message queues**), achieving zero critical incidents and a **98% on-time delivery rate**.
- Created and maintained process documents, runbooks, and compliance reports, improving team knowledge transfer and reducing onboarding time for new team members.
- Participated in weekly Change Advisory Board meetings, created and maintained change requests for **20+ production deployments,** maintaining **100% compliance** with the change management policies.

Environment: Azure Services, Shell Scripting, Oracle, MSSQL, ServiceNow, Data mapping, IIB MQ, Solace, Splunk

CERTIFICATIONS

- Solace Certified Solution Architect
- Microsoft AZ-900 Certified

ACADEMIC & LEARNING PROJECTS

CI/CD Pipeline with GitHub Actions, SonarQube & Trivy

- Designed and implemented an end-to-end CI/CD pipeline automating build, test, security scanning, and deployment workflows
- Deployed containerized applications to Kubernetes clusters on AWS EC2 instances, implementing rolling updates and rollback strategies
- Integrated SonarQube for code quality analysis and Trivy for container vulnerability scanning
  Implemented monitoring and alerting with Prometheus and Grafana dashboards for system observability and resilience

Technologies: AWS (EC2, VPC, IAM), GitHub Actions, Docker, Kubernetes, SonarQube, Trivy, Prometheus, Grafana

Automated CI/CD Pipeline with Jenkins & Docker

- Built Jenkins pipeline integrating version control, automated testing, containerization, and deployment stages
- Implemented Docker multi-stage builds for optimized container images
- Configured automated security scanning and quality gates

Technologies: Jenkins, Docker, Git, Linux, Shell Scripting

Infrastructure as Code with Terraform & Ansible

- Provisioned cloud infrastructure on AWS using Terraform (VPC, EC2, Security Groups, Load Balancers)
- Automated server configuration and application deployment using Ansible playbooks
- Implemented version-controlled infrastructure changes following GitOps principles

Technologies: Terraform, Ansible, AWS, Linux