

Om Shree

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IT undergrad passionate about Kubernetes, E2E automation, Linux and event streaming solutions. Demonstrated experience working DevOps roles in a fintech company with strict SLAs. Have a knack for developer velocity and scale. Supported and developed multiple production grade systems for low latency and high throughput critical financial data operations.

Certifications

- [CKAD](#) - Certified Kubernetes Application Developer - Linux Foundation
- [AWS SAA-C03](#) - AWS Solutions Architect Associate
- [GitOps at scale](#) - GitOps certification level 2 - Codefresh
- [System design](#) - Coding Ninjas

Education

BTech **KIIT University**, Information Technology

Sept 2020 – Sept 2024

- CGPA: 9.2/10 ([engineering semester mark-sheets](#))
- Coursework: Algorithm Design, Computer Networking, OS, DBMS and ML

Experience

FICO, Cloud Engineer Associate

Bangalore

Global Platform Capabilities, Event Streaming

July 2024 - Present

- Automated deployment and patching of multiple production-grade **StreamNative Pulsar** clusters using nested **Helm charts**, **GitHub shared workflows**, **EKS CSI drivers** and **ArgoCD**
- Implemented **Istio** strict mTLS, function mesh DAG and **DAPR** pubsub for Pulsar on EKS
- Implemented **observability** for pulsar using **OpenTelemetry** and **Grafana**
- Implemented **autoscaling** for Pulsar broker and bookkeeper pods using **HPA**, **KEDA** and **prometheus** custom metrics
- **On-call support**, operations and monitoring improvements through **AppDynamics** for production **Apache Kafka** clusters using **Cloudformation**

FICO, Cloud Engineer Intern

Bangalore

Global Platform Capabilities, AWS infrastructure

June 2023 – June 2024

- Developed enterprise wide AWS account life-cycle management automation using **Terraform**, **Boto3**, **Python3** and Jenkins
- Participated in **CSA STAR level 2** and **PCI** attestation audit - cloud infrastructure
- Responsible for enterprise enhancements, automations, maintenance and **on-call support** for all **Route53** records, **IAM** policies and **AWS organization** components
- Implemented enterprise **AWS cost control** policies through **CloudHealth**, lambda functions and SCPs
- Automated image and IAC scanning using GitHub workflows, **Aquasec** and **KICS**

Projects and Hobbies

- Multiple **spot awards** throughout my tenure at FICO *akin to performance incentives*
- Make frequent pilgrimage to **Kubernetes** source codebase
- Pulsar visualizer to provide telemetry data for all topics in a cluster built using **Streamlit**, **Python3** and **Go**