

DevOps and Cloud Migration Engineer with 2.6 years of experience. Skilled in designing resilient infrastructure, implementing DevOps practices, and proficient in cloud platforms, automation tools, and CI/CD pipelines. Expertise in Docker and Kubernetes for containerization and orchestration.

## SKILLS

- **Cloud Platforms:** AWS, GCP
- **Infrastructure as Code:** Terraform, CloudFormation
- **Containerization and Orchestration:** Docker, Kubernetes
- **Databases:** MySQL, PostgreSQL
- **Programming Languages:** Python, Shell (Linux)
- **Monitoring and Logging:** CloudWatch, Prometheus
- **CI/CD Tools:** CodePipeline, CodeBuild
- **Version Control:** Git (GitHub, CodeCommit)

## WORK EXPERIENCE

DevOps Engineer | Tata Consultancy Services | June 2021 - Present

- Designed and implemented a solution for hosting a 3rd party **Master Data Management** application
- Developed **Helm charts** and **Kubernetes** configurations to host **containerized applications** on **EKS** cluster. Configured **sidecar containers** along with application servers to **extract and push logs**
- Built custom **Docker images** with **monitoring agent** installed for **enhanced monitoring** complying with **Sysdig** container security
- Configured containerized application **health checks** using **startup, readiness** and **liveness probes**, **high availability** using **autoscalers, disruption budgets** and managed **credentials** using **secret store drivers**
- Integrated **EFM** system with **Data Lake** ingestion framework to ingest data into **Snowflake** using **cross account IAM roles**
- Implemented flawless migration of applications and data from **AWS to GCP** using the **Migrate for Compute Engine** (M4CE) tool. Ensured **uninterrupted replication** and orchestrated a seamless transition by implementing a **down time free** approach.
- Orchestrated flawless migration of data from **AWS S3 to Google Cloud Storage (GCS)** using Google Cloud **Transfer Service**.
- Orchestrated **AWS RDS MySQL** and **PostgreSQL** migrations to GCP using **Database Migration Service**. Ensured accurate data transfer, seamless schema conversion, and **minimal downtime** for a smooth transition and optimized GCP performance.

## CERTIFICATIONS

- AWS Certified Solutions Architect (Associate)
- Certified Kubernetes Administrator (CKA)
- Google Associate Cloud Engineer

## EDUCATION

### **B.Tech Information Technology**

Bannari Amman Institute of Technology | Sathyamangalam | Tamil Nadu

04/2021

Graduated with a CGPA of 8.16

### **HSC**

P A Vidya bhavan MHSS | Karur | Tamil Nadu

04/2017

Completed 12th with 90%

### **SSLC**

P A Vidya bhavan MHSS | Karur | Tamil Nadu

04/2015

Completed 10th with 94%