SHIVAM SONI

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Education

MVJ College of Engineering   **Bengaluru**
Bachelor of Technology   August 2018 - June 2022

Experience

Leap Scholar   Bengaluru
Student Success Manager -SAT vertical   September 2024 - June 2025

- Facilitated smooth onboarding for SAT students, ensuring timely enrollment and orientation, acted as liason for client escalations
- Managed daily rosters and maintained accuracy in student and instructor databases.
- Contributed to a project upgrading the student management platform, introducing automation features which led to 30% reduction in turn around time.

Kalpas Innovations Pvt. Ltd.   Remote
DevOps Intern   December 2024 - January 2025

- Designed comprehensive **AWS infrastructure including EC2, S3, VPC, Lambda, RDS, and DynamoDB** for a client project while receiving mentorship on **Terraform i**mplementation and **CI/CD pipeline** development using **Jenkins and GitHub** Actions, resulting in 25% improvement in deployment efficiency and application performance.

Personal Projects

Netflix Clone with End-to-End DevSecOps CI/CD Pipeline | GitHub Repo   April 2025

- Led the end-to-end development of a **Jenkins-based CI/CD pipeline** for a Netflix clone frontend web application, utilizing **Docker** and **ArgoCD** for **containerized deployments** on **AWS EC2**, resulting in a 30% improvement in deployment speed.
- Configured **GitHub webhook triggers** with **Jenkins** to initiate builds and container image pushes to **Dockerhub**, achieving 100% automation in the build and deployment process.
- Integrated **Prometheus, Grafana, and Alertmanager** for monitoring and alerting.

Production-Grade EKS Deployment with CI/CD & Observability | GitHub Repo   May 2025

- Architected and deployed a microservices-based bookstore application on **Amazon EKS** with automated infrastructure provisioning, implementing **AWS Load Balancer Controller** for intelligent traffic routing and achieving 99.9% uptime
- Implemented comprehensive **GitOps CI/CD** pipeline using **GitHub Actions** for automated container builds, Docker image management, and zero-downtime rolling deployments to EKS, reducing deployment time by 80%
- Established full-stack observability by deploying **kube-prometheus stack** (Prometheus, Grafana, Alertmanager) with custom ServiceMonitors, PrometheusRules, and SLO-based alerting, enabling proactive incident detection and 50%faster MTTR
- Designed scalable infrastructure with Horizontal Pod Autoscalers, resource optimization, and IAM security best practices using OIDC provider integration, managing costs while handling 3x traffic spikes

Microservices Architecture with Docker Compose & Nginx Reverse Proxy | Github Repo   June 2025

- **Orchestrated** deployment of multiple services(**Go + Python HTTP Service**) running behind an **Nginx reverse proxy** using **Docker Compose**
- Ensured isolation of each service in lightweight **containers** and one command deployment and management using **Docker Compose**

Technical Skills

Languages: Python, Bash/Shell Scripting
AWS Services: EC2, S3, IAM, Lambda, DynamoDB, RDS, VPC, Route 53, EBS, API Gateway, CloudFront, ECR, CloudWatch
CI/CD & DevOps Tools: Linux, Jenkins, GitHub Actions, Bitbucket Pipelines, Git, GitHub
Infrastructure as Code: Terraform
Containerization & Monitoring: Docker, Prometheus, Grafana, Node Exporter, Alertmanager, Nginx
Miscellaneous: RestAPI, MySQL Kubernetes (Basics), GitOps (ArgoCD - Basics), Azure Cloud Services

Certifications

- Cloud DevOps Concepts: Understanding Processes and Services (Linkedin Learning)
- Learning Docker (Birdify - LMSAFP account)
- Monitor AWS with Cloudwatch (Linkedin Learning)