

Samyak Sheokar

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DevOps & Cloud Engineer: 2.5+ years of experience, *I am an enthusiast, hungry to learn and easily adaptable*

SKILLS

- **Cloud:** AWS
- **Containerization:** Docker, Kubernetes
- **CI/CD:** GitHub Actions, Jenkins
- **Infrastructure as code (IaC):** Terraform
- **Monitoring:** Grafana, Prometheus
- **Automation & Scripting:** Ansible, Python, Selenium, Playwright, YAML, Bash Scripting

Experience

DevOps Engineer, Vayana – Vadodara, Gujarat Nov 2024 – Present

- Collaborated closely with stakeholders across development, operations, and management to align migration goals with business objectives. Designed and executed strategies that minimized disruption while optimizing efficiency and cost-effectiveness.
- Led the implementation of infrastructure on **EKS**, using Terraform to integrate AWS services such as **ALB, RDS, Secrets Manager, EC2, ACM, Route 53, CloudFront, and S3 buckets**.
- Implemented a **Disaster Recovery (DR)** with defined **RTO/RPO** objectives, designing a **cost-optimised** Warm Standby strategy using **pre-created** and **post-created** resources to achieve high availability, fault tolerance, and reduced downtime during disaster scenarios.
- Setup **Terraform Sentinel** (policy as code) for least privilege policy on AWS. Skilled in **Ansible** for server configuration, user management, and **CIS-compliant hardening** on Linux systems.
- Leveraged **Screener findings** for AWS resources to identify misconfigurations and **enforce security best practices** across AWS resources to improve security posture, and align with the AWS Well-Architected framework.
- Served as the SPOC for DevOps support, ensuring smooth operations and timely issue resolution. Conducted **VAPT** to identify and mitigate security risks, strengthening overall infrastructure security.
- Integrated **CI/CD pipelines** using **GitHub Actions** for seamless code deployment with version control systems and container registries.
- Built a **Kubernetes cluster** on AWS from scratch using **Minikube**, **deploying Dockerized** Django and React applications into pods with managed networking and services. Implemented deployment strategies, **auto-scaling**.

DevOps Support Associate & Internship, IAMOPS – Surat, Gujarat Aug 2023 – Oct 2024

- Developed a Python-based data pipeline to automate fetching and transforming Monday.com data into AWS RDS using **Docker, Lambda, Kinesis Firehose, S3, and API Gateway**.
- Architected a scalable, fault-tolerant MERN Stack app on AWS using a three-tier design with **multi-region deployment** and Warm standby **DR strategy**. Utilized **Route 53, CloudFront, and ALB** for frontend and backend. Configured backend servers to process APIs and interact with **RDS** for data storage. Implemented failover via Route 53 and CloudFront for seamless disaster recovery and minimal downtime.
- Developed Python-based **synthetic tests** using **Playwright and Selenium** with screenshot, video capture, and error handling. Deployed the tests on **AWS Lambda** with results stored in S3, supporting dynamic actions like form submissions and shadow DOM interactions. Automated the entire workflow using **GitHub Actions** to build **Docker images**, push to Amazon ECR, and invoke Lambda for seamless execution.
- Improved a Python-based SRE automation framework focused on **cost optimization, alert handling, and error log management** by generating **dynamic Grafana URLs and log links**. These were automatically triggered and posted to Slack channels for real-time monitoring and faster incident response.

- Utilized monitoring tools **Grafana, New Relic, Zenduty, and UptimeRobot**. Worked on robust 24/7 monitoring system. Integrated with **Jira** for efficient issue tracking and **Slack**.
- Designed and deployed **geo-distributed Azure** infrastructure with server sets in US and India regions. Implemented **regional load balancing** to route users based on location, enhancing global performance and accessibility. proactive management and swift incident resolution

Web Developer Internship, The Sparks Foundation – Remote

Feb 2023 – April 2023

- Created a Website where a Payment Gateway is Integrated using HTML, CSS, and JavaScript.

Education

RTM Nagpur University, Master in Computer Application

Aug 2023 – July 2025

- CGPA: (6.2/10.0)

RTM Nagpur University, Bachelor of Commerce in Computer Application

Aug 2019 – July 2022

- CGPA: (8.53/10.0)

Certifications

- AWS Certified: Cloud Practitioner - Feb, 2023