

Syed Mehfooz C S

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PROFILE SUMMARY

Aspiring DevOps Engineer with a solid background in Systems Administration and hands-on experience in AWS, CI/CD pipelines, Kubernetes, Terraform, Observability, and DevSecOps through multiple end-to-end projects.

SKILLS

Scripting Languages: Python, Bash Scripting, YAML

Cloud and Administration: AWS (EC2, S3, VPC, IAM, RDS, ECR, EKS, CloudFront, Route53), Linux, Networking

Containers & Orchestration: Docker, Kubernetes, Helm

Infrastructure as Code (IaC): Terraform, Ansible

CI/CD Platform Engineering & Developer Tooling: Jenkins, GitHub Actions, GitLab CI, Argo CD, GitOps

Observability: Prometheus, Grafana, Uptime Kuma, CloudWatch

Security: SonarQube, Trivy, OWASP, Least Privilege, Secrets Management

Version Control and collaboration: Git, GitHub, GitLab

PROJECTS

Food Delivery Website - DevSecOps

[GitHub Repo](#)

- Built an end-to-end GitOps-based CI/CD platform using Jenkins, Docker, Kubernetes, Argo CD, Terraform, and Ansible to provision AWS infrastructure (EKS, EC2), automate deployments, vulnerability scanning (SonarQube, Trivy, OWASP), and Kubernetes manifest/image updates through Bash scripting, improving deployment reliability, security, and consistency.
- Configured Kubernetes Deployments, Services, Secrets, NGINX ingress, ConfigMaps, Helm charts, Prometheus, and Grafana dashboards with alerting rules and monitoring pipelines to enable observability, proactive incident detection, and faster troubleshooting, reducing pod failures and build issue resolution time by 60%.

EXPERIENCE

Commonwealth Bank

Remote – Bengaluru, India

Software Developer Trainee - Apprenticeship

Jan 2026 – Jun 2026

- Completed an apprenticeship focusing on understanding and learning enterprise-level software development and cloud computing practices in a structured training.
- Worked with AWS Lambda, CloudTrail, React.js, MongoDB and PySpark while gaining exposure to enterprise cloud operations, monitoring, deployment pipelines and automation practices.

Samajh AI

Hybrid – Bengaluru, India

System Administrator Intern

Jul 2023 – Ongoing

- Architected a hybrid on-premises and AWS infrastructure to guarantee **100% control and security** of sensitive banking and customer data using Proxmox and TrueNAS. Engineered fault-tolerant servers with redundant power systems and RAID configurations for data redundancy, achieving **0% data loss** and **99.7% infrastructure uptime** under heavy workloads.
- Administered CI/CD automations and Docker containers with persistent datasets, maintaining network security groups, firewalls, Cloudflare Domains, DNS, Tunnels, and monitoring tools to ensure a **99% seamless workflow**.

Hostup Cloud Technologies

On-site – Bengaluru, India

Software Developer Intern

Aug 2025 – Oct 2025

- Developed cloud-native applications using Next.js, implementing authentication, client-side rendering, and bare-metal grid management application reducing page **load times by 35%**, improving scalability.
- Worked closely with senior engineers to architect backend features and enhance landing pages, UI components, to achieve **100% responsive pages** with efficiency and contributed to technical documentations for reliable development.

CERTIFICATIONS

AWS Certified Solution Architect Associate – Infosys Springboard

[Verify credentials](#)

Ethical Hacker – Cisco

[Verify credentials](#)

EDUCATION

B.E in Computer Science and Engineering

2022 - 2026

HKBK College of Engineering | Bengaluru, India