



SUMMARY

As a passionate DevSecOps Engineer, I'm driven by a desire to create secure and efficient systems that enable businesses to thrive.

KEY ACHIEVEMENTS

- **Technical Content Proliferation and Community Building:** Published 30+ instructional DevOps articles, amassing a following of over 1,300 on LinkedIn.
- **Skill Development:** Spearheaded **Terraform training initiative**, elevating infrastructure automation proficiency across TCS team and driving measurable efficiency gains.
- **Prestigious Client Engagement:** Handpicked for mission-critical role with Fortune 500 financial services client, outperforming peers in TCS's competitive internal selection process.

PROFESSIONAL EXPERIENCE

Tata Consultancy Services (TCS)

June 2021 - Feb 2024

Building on Belief

DevSecOps Engineer (Leading Financial Services & Retail Sector Clients)

- Acquired good understanding of the Complete Software Development Life Cycle (SDLC), from requirements gathering to deployment.
- Developed and fine-tuned **CI/CD pipelines**, ensuring ongoing troubleshooting and resolution of issues to maintain robust deployments of microservices using GitOps principles.
- Configured server-less Kubernetes clusters on **AWS EKS** for scalability and high availability, and **Custom EC2 instances** for data and control planes where required.
- Led **DevSecOps initiative**, integrating security into CI/CD pipelines, 60% vulnerability reduction, and secrets management via AWS Secrets Manager and HashiCorp Vault.
- Increased admin team productivity by **35%** through customised **Ansible Playbooks**.
- Improved infrastructure-as-code (Terraform) capabilities for the client by coaching a **9-person team**.
- Exceeded customer expectations, achieving a 95% satisfaction rate and consistently meeting service level agreements (SLAs) to ensure high-quality service delivery.
- Implemented **Helm charts** to manage Kubernetes applications, enabling easy rollbacks and version control.
- Additionally, designed and deployed secrets management solutions using **AWS Secrets Manager** and **HashiCorp Vault**, ensuring secure storage and rotation of sensitive credentials across 300+ microservices.
- Streamlined global application rollouts across 36+ countries, implementing **blue-green deployments** and **canary releases** to achieve 99.9% uptime and minimize downtime, while **improving deployment frequency by 20%**.
- Created user-friendly documentation on IT procedures, enhancing efficiency and user self-sufficiency.
- Leveraged AI tools (ChatGPT, Claude, Groq) and coding assistants (**Codeium**, **GitHub Copilot**) to enhance **productivity** and innovation, while maintaining data security. Integrated AI-driven insights with human expertise to optimize workflows and efficiency.

TECHNICAL SKILLS

- **Cloud Services:** AWS & Azure.
- **Containerisation, Orchestration:** Docker, Kubernetes, Helm & Amazon EKS.
- **CI/CD & Version Control:** Jenkins, AWS CodePipeline, Git, GitLab, GitHub Actions & ArgoCD.
- **Infrastructure as Code:** Terraform & CloudFormation.
- **Configuration Management:** Ansible.
- **Scripting & Automation:** Python & Shell/Bash.
- **Monitoring & Logging:** Prometheus, Grafana & CloudWatch.
- **Operating Systems:** Linux (Ubuntu, Fedora) & Windows.
- **Networking & Security:** Subnetting, VPC, Subnet, Load Balancer, Route 53, IAM, SSH, KMS, VPN & Firewall.
- **Advanced Networking Defense Systems:** Cilium, Istio(within Kubernetes for service mesh & network policies).
- **Secrets Management:** HashiCorp Vault, Ansible Vault & AWS Secrets Manager.
- **AI Tools:** ChatGPT, Claude 3.5 Sonnet, Blackbox AI, Groq, Codeium & GitHub Copilot.

EDUCATION

Bachelor of Technology.
Majors: Computer Science.
GITAM (Deemed to be University) (2017-2021).
CGPA: 8.51.

CERTIFICATIONS & ADDITIONAL INFORMATION

AWS Certified Cloud Practitioner.
AWS Certified Solutions Architect – Associate.

Linguistic Repertoire: English, Telugu, Hindi.