



# Shresth Sanskar

DevOps Engineer || Bengaluru, Karnataka, 560045

 8219332958

 shresthsanskar2000@gmail.com

 linkedin.com/in/shresth-sanskar

## Professional Summary

DevOps Engineer with over 2 years of experience in cloud infrastructure automation, CI/CD pipeline development, and system reliability across AWS, GCP, and Azure. Skilled in Linux system administration, containerization (Docker), orchestration (Kubernetes), and monitoring tools. Adept at scripting in Python and PowerShell to automate deployments and system checks. Proven ability to deliver secure, scalable, and cost-effective cloud solutions in cross-functional environments.

## Skills

- **Cloud Platforms:** AWS (EC2, Lambda, IAM, S3, RDS, ALB, ASG, VPC, SQS); GCP (Essentials); Azure (Essentials)
- **Infrastructure as Code:** Terraform, CloudFormation, Ansible
- **Automation & Scripting:** Lambda, Shell, Python, PowerShell
- **CI/CD & DevOps Tools:** GitHub, Jenkins, AWS CodePipeline, JIRA
- **Security & DevSecOps:** IAM policies, secrets management, vulnerability scanning, Proofpoint
- **Monitoring & Security:** CloudWatch, Grafana (basic), QRadar, CrowdStrike, Zscaler, Proofpoint
- **Documentation:** SOPs, KB articles, runbooks, access reviews
- **Soft Skills:** Cross-functional collaboration, problem-solving, customer service

## Work Experience

### Cognizant

*Programmer Analyst*

Bengaluru, KA

*October 2023 – Present*

- Designed and deployed scalable AWS infrastructure using Terraform for EC2, RDS, VPC, and ALB, improving deployment consistency.
- Automated EC2 health checks, IAM key rotations, and domain expiry validations using Python and AWS Lambda, enhancing system uptime.
- Implemented patch management workflows for Linux/Windows servers using Ansible and Qualys, increasing operational efficiency by 30%.
- Developed CI/CD pipelines using GitHub and AWS CodePipeline for automated deployments and rollback strategies.
- Created disaster recovery workflows using Lambda and CloudWatch Events for EC2 snapshot management and failover testing.
- Monitored cloud infrastructure and responded to security alerts using SIEM tools (CrowdStrike, QRadar), ensuring compliance with SOC2-like standards.
- Led phishing simulation campaigns via KnowBe4, reducing click-through rates by 40%.
- Managed Active Directory users and conducted access reviews using PowerShell and Python, improving audit accuracy by 25%.
- Authored SOPs, runbooks, and KB articles for cloud operations and incident response.
- Built shell scripts and cron jobs for Linux server health checks and domain monitoring.

## Certifications

- \* AWS Certified Solutions Architect Associate [\[Link\]](#)
- \* AWS Certified Cloud Practitioner [\[Link\]](#)
- \* AWS Certified SysOps Administrator Associate [\[Link\]](#)
- \* Google Certified Associate Cloud Engineer [\[Link\]](#)

## Projects

### Two-Tier Application Infrastructure || *Terraform* || *AWS Services*

[\[GitHub Link\]](#)

- Built modular AWS infrastructure using Terraform for a production-ready two-tier web application, improving reliability and scalability.

## Education

- **Haldia Institute of Technology**  
*Bachelor of Technology (CGPA: 9.25)*

Kolkata, WB  
*August 2019 – May 2023*