

# RAHUL SWARGAM

Hyderabad • +91 9705584675 • swargamrahul@gmail.com • linkedin.com/in/rahulswargam

## PROFESSIONAL SUMMARY

DevOps Engineer with over 3 years of experience designing, automating, and maintaining AWS cloud platforms in large-scale production environments. Demonstrated expertise in implementing Infrastructure as Code, building and modernizing CI/CD pipelines, and deploying containerized applications using industry-standard orchestration tools. Strong emphasis on automation, reliability, and security, with hands-on experience improving deployment workflows, enhancing system stability, and maintaining high-availability services. Proven ability to work effectively with cross-functional engineering teams to deliver resilient, scalable, and operationally efficient cloud solutions.

## TECHNICAL SKILLS

**Cloud:** AWS (EC2, S3, RDS, Lambda, IAM, VPC, Route53, CloudWatch, CodeBuild)

**CI/CD & DevOps:** Jenkins, GitLab CI/CD, GitHub Actions, Terraform, Ansible, Git

**Containers & Orchestration:** Docker, Kubernetes

**Programming & Scripting:** Python, Bash/Shell, YAML, JSON

**Monitoring & Logging:** ELK Stack, Grafana, Prometheus

**Web & App Servers:** Apache, Nginx, Tomcat

**Security & Quality:** IAM Policies, Security Groups, SSL/TLS, SonarQube

**Operating Systems:** Linux (Ubuntu, CentOS, RHEL), Windows Server

## CERTIFICATIONS

AWS Certified Solutions Architect — AWS Certified DevOps Engineer — Python Professional — DevOps Engineer Certified

## PROFESSIONAL EXPERIENCE

### DevOps Engineer - Reali Solutions

July 2023 – January 2024 — Bengaluru

- Designed and implemented Infrastructure as Code using Terraform to provision AWS resources, ensuring consistent and repeatable environments
- Engineered and optimized CI/CD pipelines using Jenkins, automating build, test, and deployment workflows to improve release efficiency
- Transitioned Jenkins workloads to AWS CodeBuild, enabling scalable and cost-effective build automation
- Containerized applications using Docker and deployed them on Kubernetes clusters, improving microservices scalability and reliability
- Automated server provisioning and configuration management using Ansible and Shell/Python scripts, reducing manual effort and configuration drift
- Built Python scripts integrated with MS Teams to trigger builds and deliver real-time build status and failure notifications
- Implemented monitoring across production environments using ELK Stack and AWS CloudWatch, creating dashboards and alerts for proactive issue detection
- Strengthened security posture through AWS IAM governance, patching, and vulnerability assessments
- Oversaw SSL certificate renewals to ensure secure communication and compliance with security standards
- Delivered on-call production support, resolving critical issues to maintain high availability of client services

**Cloud Support Associate - Amazon (Contract)**

August 2022 – February 2023 — Hyderabad

- Assisted with monitoring and maintenance of AWS cloud infrastructure to ensure performance, availability, and cost efficiency
- Contributed to deployment and configuration of AWS resources including EC2, S3, RDS, and IAM in accordance with security best practices
- Participated in troubleshooting AWS services, networking, and application deployment issues
- Administered IAM roles, policies, and user permissions to enforce secure access controls
- Configured CloudWatch alarms and dashboards for performance and cost tracking
- Authored and maintained technical documentation for infrastructure configurations, deployment procedures, and incident resolutions
- Partnered with cloud and DevOps teams to analyze requirements and deliver cloud-based solutions
- Engaged in ongoing AWS training and certification initiatives to strengthen cloud expertise

**DevOps Engineer - Tech Mahindra**

December 2021 – July 2022 — Hyderabad

- Contributed to the development and maintenance of CI/CD pipelines using Jenkins to automate build and deployment workflows
- Administered Git repositories and enforced branching strategies to maintain version control standards
- Worked with AWS services to enable scalable infrastructure and deployment environments
- Assisted in developing Infrastructure as Code using Terraform for consistent environment provisioning
- Automated server configuration and deployment tasks using Ansible playbooks
- Deployed and maintained applications on Apache, Nginx, and Tomcat web servers
- Contributed to Docker-based containerization efforts and gained exposure to Kubernetes orchestration
- Performed Linux system administration, including user management, patching, and troubleshooting
- Developed Python and Bash scripts to automate operational and deployment tasks
- Coordinated with development teams to resolve CI/CD issues and streamline delivery pipelines
- Maintained CI/CD documentation, server configurations, and standard operating procedures

**Junior DevOps Engineer - Karvy Insurance Repository**

February 2020 – April 2021 — Hyderabad

- Contributed to implementing DevOps practices to improve application deployment and infrastructure management
- Participated in CI/CD automation using Jenkins and Git to streamline build and release processes
- Utilized AWS services, including EC2, S3, IAM, and CloudWatch, to host and monitor internal applications
- Assisted in developing Terraform templates for consistent test environment provisioning
- Automated recurring server tasks and log monitoring using Shell and Python scripts
- Configured and maintained Apache and Nginx web servers for internal and client-facing applications
- Supported implementation of security best practices, including IAM access control and patch management
- Implemented basic monitoring and alerting using CloudWatch metrics and email notifications
- Worked with development teams to troubleshoot deployment issues and improve delivery workflows
- Maintained configuration documentation, release notes, and operational procedures
- Assisted with infrastructure upgrades, SSL renewals, and system backups to ensure availability and compliance

**EDUCATION****Bachelor of Technology in Computer Science**

Joginpally B.R Engineering College, Hyderabad

August 2015 – June 2019