RAHUL SWARGAM

DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

DevOps Engineer with 5+ years of experience in cloud infrastructure, CI/CD automation, and containerized deployments. Strong hands-on expertise in AWS, Terraform, Ansible, Jenkins, Docker, and Kubernetes. Proven ability to improve deployment reliability, scalability, and operational efficiency through automation and monitoring. Skilled in Python and Shell scripting, with a strong focus on DevOps best practices and system reliability.

TECHNICAL SKILLS

- AWS
- Terraform
- Ansible
- Jenkins
- Git
- CI/CD Pipelines
- Docker
- Kubernetes
- ELK Stack
- Python
- Shell Scripting
- Grafana
- Prometheus
- Networking
- Webservers (Apache, Nginx)

PROFESSIONAL EXPERIENCE

DevOps Engineer - Reali Solutions   **Jul 2023 - Present | Bengaluru, India**

- Architected Infrastructure as Code solutions with Terraform to provision scalable, secure, and repeatable AWS environments across multiple stages.
- Engineered robust Jenkins CI/CD pipelines to enable automated build, test, and deployment workflows, improving release consistency and delivery speed.
- Transitioned build workloads from Jenkins to AWS CodeBuild, enabling improved scalability, simplified maintenance, and optimized infrastructure spending.
- Implemented container-based application delivery using Docker and Kubernetes to support microservices architecture, fault tolerance, and high availability.
- Streamlined server provisioning and configuration workflows using Ansible along with Python and Shell automation, significantly reducing manual intervention and configuration drift.
- Created Python-based integrations with Microsoft Teams to trigger CI/CD executions and deliver real-time notifications for pipeline status and failure events.
- Established centralized logging and monitoring solutions using ELK Stack and AWS CloudWatch to provide enhanced visibility and proactive system health tracking.
- Coordinated closely with development teams to standardize DevOps workflows, improve deployment reliability, and minimize release-related failures.
- Enforced cloud security standards by designing IAM policies, applying system patches, and addressing identified vulnerabilities across environments.
- Administered complete SSL certificate lifecycles, ensuring encrypted communication channels and adherence to organizational security requirements.
- Responded to production incidents during on-call rotations, performing rapid troubleshooting and service restoration to meet defined SLA commitments.

Cloud Support Associate - Amazon (Contract)   **Aug 2022 - Feb 2024 | Hyderabad, India**

- Operated and monitored AWS environments to maintain high availability, performance, and cost efficiency.
- Assisted customers with AWS services, including EC2, S3, RDS, IAM, and VPC by following architectural best practices.

- Managed AWS IAM users, roles, and policies to enforce secure and least-privilege access control.
- Utilized Amazon CloudWatch metrics, logs, and alarms for proactive monitoring and issue detection.
- Documented troubleshooting procedures and root cause analyses for operational consistency.
- Collaborated with Coud, DevOps, and engineering teams to resolve escalated technical issues.
- Followed incident management and operational excellence processes, including on-call support.
- Continuously improved AWS expertise through training and certification preparation.

DevOps Engineer - Tech Mahindra   **Dec 2021 - Jul 2022 | Hyderabad, India**

- Designed and deployed CI/CD pipelines using Jenkins to support continuous integration and delivery initiatives.
- Directed Git repository governance, including branching strategies and access controls, to ensure code integrity.
- Contributed to AWS infrastructure operations supporting scalable application deployments.
- Developed Terraform-based infrastructure templates to standardize environment provisioning.
- Applied Ansible playbooks to automate server configuration and application rollouts.
- Delivered web applications through Apache, Nginx, and Tomcat servers across multiple environments.
- Facilitated container adoption using Docker and Kubernetes for improved application portability.
- Executed Linux administration activities such as patching, user access control, and system troubleshooting.
- Authored automation scripts in Python and Bash to reduce repetitive operational work.
- Produced technical documentation for CI/CD workflows, infrastructure layouts, and SOPs.

Jr. DevOps Engineer - Karvy Insurance Repository   **Feb 2020 - Apr 2021 | Hyderabad, India**

- Helped in establishing non-production environments to support development, testing, and validation activities across multiple application stages.
- Monitored application health metrics and system performance indicators to proactively identify bottlenecks, capacity risks, and stability concerns.
- Analyzed CI/CD pipeline job failures and participated in root-cause investigations in collaboration with senior engineering teams.
- Coordinated deployment activities across environments to ensure smooth releases with minimal service interruption.
- Adhered to standardized change management and release governance procedures to maintain environment consistency and operational stability.
- Validated infrastructure modifications by conducting post-deployment verification and smoke testing to confirm system readiness.
- Implemented log rotation and cleanup mechanisms to control disk utilization and maintain optimal system performance.
- Supported in applying security hardening measures in alignment with organizational policies and compliance requirements.
- Maintained version-controlled infrastructure definitions and configuration artifacts to ensure traceability, audit readiness, and change history accuracy.

EDUCATION

Bachelor of Technology (Computer Science & Engineering)   **2015 - 2019 | Hyderabad, India**
Joginpally BR Engineering College

ADDITIONAL INFORMATION

- **Languages:** English, Telugu, and Hindi
- **Certifications:** AWS Certified DevOps Engineer • AWS Solutions Architect • DevOps Engineer • Python Professional