RAHUL SWARGAM

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PROFESSIONAL SUMMARY

DevOps Engineer with over 5+ years of experience in automating infrastructure, managing CI/CD pipelines, and deploying applications on AWS. Skilled in using Terraform, Ansible, Jenkins, Docker, and Kubernetes to streamline delivery and improve reliability. Proficient in Python and Shell scripting for automation, and experienced in monitoring and troubleshooting using CloudWatch, Grafana, and ELK Stack. Strong collaborator with a focus on efficiency, scalability, and DevOps best practices.

TECHNICAL SKILLS

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

WORK EXPERIENCE

DevOps Engineer - REALI SOLUTIONS   *Jul 2023 - Present | Bengaluru, India*

- Designed and managed Infrastructure as Code (IaC) using Terraform to provision AWS resources, ensuring consistent and repeatable environments.
- Built and optimized CI/CD pipelines with Jenkins, automating build, test, and deployment processes to reduce deployment time and improve release efficiency.
- Migrated Jenkins workloads to AWS CodeBuild, leveraging AWS-native services for 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 with Ansible and Shell/Python scripts, reducing manual effort and preventing configuration drift.
- Developed Python scripts integrated with MS Teams to trigger builds and provide real-time notifications on build status and failure logs.
- Monitored production environments using ELK Stack and AWS CloudWatch, creating dashboards and alerts for proactive issue detection.
- Collaborated closely with development teams to implement DevOps best practices, resulting in smoother deployments and fewer rollback incidents.
- Implemented security best practices, including AWS IAM management, patching, and vulnerability assessments.
- Managed SSL certificate renewals to maintain secure communication and compliance with security standards.
- Provided on-call production support, troubleshooting, and resolving critical issues to ensure high availability of client services.

Cloud Support Associate - AMAZON (Contract)   *Aug 2022 - Feb 2023 | Hyderabad, India*

- Assisted in monitoring and maintaining AWS cloud infrastructure, ensuring high performance, availability, and cost efficiency.
- Supported deployment and configuration of AWS resources such as EC2, S3, RDS, and IAM, following best practices for scalability and security.
- Helped troubleshoot issues related to AWS services, networking, and application deployments.
- Supported IAM by configuring roles, policies, and user permissions to maintain secure access control.
- Gained hands-on exposure to CloudWatch, setting up alarms and dashboards for performance and cost tracking.
- Created and maintained technical documentation for infrastructure configurations, deployment procedures, and incident resolutions.
- Collaborated with cloud and DevOps teams to analyze requirements and contribute to cloud-based solutions.
- Participated in ongoing AWS training and certification sessions to strengthen cloud knowledge.

DevOps Engineer - TECH MAHINDRA   *Dec 2021 - Jul 2022 | Hyderabad, India*

- Assisted in creating and maintaining CI/CD pipelines using Jenkins, automating build, testing, and deployment workflows.
- Supported Git administration by managing repositories, enforcing branching strategies, and ensuring version control best practices.
- Worked with AWS services to support scalable infrastructure and deployment environments.
- Helped design and manage Infrastructure-as-Code (IaC) using Terraform for consistent environment provisioning.
- Used Ansible playbooks to automate server configuration and deployment tasks, reducing manual efforts.
- Deployed and managed applications on web servers such as Apache, Nginx, and Tomcat.
- Assisted in containerizing applications using Docker, and gained exposure to Kubernetes for orchestration and scaling.
- Performed Linux system administration, including user management, patching, and troubleshooting server issues.
- Wrote automation scripts in Python and Bash for recurring operational and deployment tasks.
- Collaborated with the development teams to troubleshoot CI/CD issues and streamline delivery pipelines.
- Documented CI/CD workflows, server configurations, and standard operating procedures for ongoing projects

Jr DevOps Engineer - KARVY INSURANCE REPOSITORY   *Feb 2020 - Nov 2021 | Hyderabad, India*

- Assisted in designing and implementing DevOps practices to improve application deployment and infrastructure management.
- Supported CI/CD automation using Jenkins and Git, streamlining build, testing, and release processes.
- Worked with AWS services (EC2, S3, IAM, CloudWatch) for hosting and monitoring internal web applications.
- Helped create and manage Terraform templates for provisioning and maintaining consistent test environments.
- Automated recurring server tasks and log checks using Shell and Python scripts, reducing manual intervention.
- Deployed and configured web servers (Apache, Nginx) for internal and client-facing applications.
- Participated in integrating security best practices, including IAM role-based access, patch management, and key rotation.
- Implemented basic monitoring and alerting systems using CloudWatch metrics and email notifications for uptime tracking.
- Collaborated with development teams to troubleshoot deployment issues and improve delivery pipelines.
- Maintained configuration documentation, release notes, and standard operating procedures for DevOps activities.
- Supported infrastructure upgrades, SSL renewals, and system backups to ensure high availability and compliance.

EDUCATION

JOGINPALLY B.R. ENGINEERING COLLEGE   *July 2019 | Hyderabad, India*
Bachelor of Technology (Computer Science and Engineering)