RAM MIDDIDODDI

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Professional Summary

DevOps Engineer with specialization in AWS cloud computing operations in a 24x7 support environment. Proficient in automation, delivering customized products meeting client requirements, and maintaining sustainable cloud environments.

Skills

- AWS: VPC, EC2, S3, IAM, ELB, Auto-scaling, CloudWatch, Lambda
- Version Control: Git, GitHub
- Continuous Integration/Deployment: Jenkins, Ansible Playbook, Terraform
- Containerization: Docker
- Programming: C, Python
- Operating Systems: Linux (Ubuntu), Windows
- Strong troubleshooting and problem-solving skills
- Cloud infrastructure provisioning and management
- Strong teamwork and collaboration abilities

Work History

Software Engineer, 02/2022 - 12/2022

Southern University And A&M College – Baton Rouge, LA

- Proficient in AWS provisioning, resource management, and enterprise infrastructure setup.
- Implemented AWS solutions including VPC, EC2, S3, IAM, ELB, Auto-scaling, and Lambda.
- Created high accessibility environments for application and database servers using ELB and Auto-scaling.
- Configured AWS CloudWatch for application monitoring and alarms.
- Developed Jenkins CI/CD pipelines for Windows and Linux builds.
- Led development of application layer using EC2 and elastic cache.
- Integrated Java-based web services into database management projects using Python.
- Provided solutions to identified issues and collaborated with teams on architecture.

Devops Engineer, 04/2020 - 05/2021

RMSI Private Ltd

- Managed GIT and GitHub repositories and access permissions.
- Utilized Jenkins for CICD automation with pipeline scripts and freestyle jobs.

- Built automated CICD pipelines and distributed load using Jenkins nodes.
- Proficient in Terraform template files and modules for AWS infrastructure.
- Created Ansible Playbooks for application deployment and provisioning Cloud services.
- Configured secure and robust VPCs, auto-scaling, and Load Balancers in AWS.
- Monitored server metrics and alarms with AWS CloudWatch.
- Collaborated with teams to determine application requirements.

GIS Engineer, 11/2018 - 03/2020

RMSI Private Ltd – Hyderabad

- Enhanced design and development of drawings through collected data.
- Managed continuous integration software build systems for the GIS Platform.
- Analyzed software and network requirements for design feasibility.
- Troubleshoot and corrected errors within GIS networks, software, and hardware.
- Improved GIS data usage for Navigation and Sign Boards projects.
- Increased productivity and efficiency in data upload processes.
- Mentored junior geospatial imagery analysts.

EDUCATION

Master of Computer Science: 05/2023

Southern University And A&M College - Baton Rouge, LA

Bachelor of Electronics and Communication Engineer: 05/2018

Jawaharlal Nehru Technological University - Hyderabad