Aditya Vangala

AWS Cloud Engineer

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SUMMARY

AWS Cloud Engineer with a total of 6+ years of technical experience in AWS cloud infrastructure solutions and Linux Systems Administration, seeking a position where my skills can contribute to improving business operations.

WORK EXPERIENCE

AWS Cloud Engineer — *TCS Pvt Ltd, Banglore*

2020 – PRESENT

- Collaborated with development and other teams to create, manage and optimize CI/CD pipelines using AWS CICD stack.
- Created and managed AWS cloud environments, automation, monitoring metrics, disaster recovery, backups, and capacity planning.
- Designed and deployed metrics, monitoring, and logging systems on AWS to optimize performance and isolate bottlenecks.
- Implemented automated infrastructure deployments by creating Cloud Formation templates and Terraform resources and modules.
- Performed root cause analysis, and troubleshooting for cloud-related issues and provided support for security incidents and service interruptions.
- Implemented Cost Optimizing strategies to reduce infrastructure costs.
- Designed, configured, and implemented highly available and scalable EKS clusters and created PoC for implementing microservice-based application deployments on the EKS cluster.
- Provided support for troubleshooting issues with the EKS cluster and underlying infrastructure.

AWS Cloud Administrator — *Rocana Software Solutions Pvt Ltd, Hyderabad*

2018 – 2019

- Worked with various AWS services like EC2, RDS, S3, CloudFront, Autoscaling, Route53, VPC, etc.
- Deployed applications to different Elastic Beanstalk environments.
- Managed custom IAM policies for development teams to define groups, created users and assigned roles across multiple AWS accounts.
- Migrated web applications and MySQL databases from on-premises to AWS.
- Created, configured, and maintained LEMP stack deployments to dev, stage, and prod environments.
- Configured and Implemented VPN solution from on-premises to AWS cloud.

Linux Systems Administrator — *Rocana Software Solutions Pvt Ltd, Hyderabad*

2015 – 2017

- Performed automated installation, patching OS, configuration, server hardening, and troubleshooting of RHEL, CentOS, and Ubuntu servers.
- Configured pfSense routers to implement network firewalls and routing.
- Involved in daily incident management and resolved day-to-day problems raised by the users and incidents which are logged.
- Performed User management using Active directory and created Shell scripts to automate backups and manual tasks.
- Set up and configured NFS, DNS, DHCP, FTP, HTTP, and ISCSI servers and performed file system and storage management.

CERTIFICATIONS

- AWS Certified SysOps Administrator – 2022
- AWS Certified Developer Associate – 2018
- AWS Certified Solutions Architect Associate – 2018
- RedHat Certified Engineer – 2017

AWS SKILLS

VPC	Cloud Formation
S3	Code Pipeline
EC2	Cloud Front
RDS	Elastic Beanstalk
IAM	Auto Scaling
ELB	Cloud Watch
EFS	CloudTrail
EKS	Config
KMS	WAF
VPN	Inspector
Route53	Systems Manager

TECHNICAL SKILLS

- AWS
- BASH
- Nginx
- Docker
- Kubernetes
- Terraform
- Ansible
- Python scripting
- SQL
- Linux

EDUCATION

MBA, *Marketing Management, Aurora PG College, OU*
Hyderabad,   2013

B.Tech, *Electronics & Comm YPR College of Engg, JNTU*
Hyderabad,   2011

LANGUAGES

- English
- Telugu