Navaneeth K J
Devops Engineer

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aws

CAREER OBJECTIVE

Experienced Cloud Engineer with 3+ years in Cloud services and DevOps practices. Seeking a dynamic IT role to leverage cloud expertise and DevOps skills in crafting and managing virtual environments. Dedicated to driving innovation and optimizing resources for company growth.

Certifications:

➢ Oracle Cloud Infrastructure 2023 **DevOps Professional** (1Z0-1109-23)
➢ Oracle Cloud Infrastructure 2023 **Foundations Associate** (1Z0-1085-23)

TECHNICAL SKILLS

➢ **DevOps**   : Kubernetes, ECS, EKS , Docker , Terraform , CI/CD, AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy, , Ansible
➢ **Languages**   : Python , Linux Shell Scripting
➢ **Cloud Technologies**   : AWS (Amazon Web Services) , Azure , Plesk , Resellerclub , Oracle (OCI)
➢ **Networking**   : Basics of Networking, IP Addressing, Routing, Switching
➢ **Monitoring tool**   : CloudWatch, Grafana, Prometheus, Nagios, ELK
➢ **Operating System**   : Windows, Linux, Mac
➢ **Database**: MySQL , Postgress , Mariadb
➢ **Version Control**: Git, GitHub , Bitbucket , AWS S3 , AWS CodeCommit
➢ **WEB-SERVERS:** Apache, Nginx, IIS and Tomcat
➢ **Tools:** MS Office , Visual Studio Code , Bluebeam Revu, Auto CAD

PROFESSIONAL EXPERIENCE

AWS DEVOPS ENGINEER – CTRL VI TECH SERVICE LLP (AUGUST 2022- PRESENT)

➢ Analyzing and monitor performance bottlenecks and key metrics to optimize software and system performance
➢ Responsible for supporting of cloud-based infrastructure and its solutions.
➢ Migration of Servers from one platform to another
➢ Experience on **Terraform**, **Docker**, **Kubernetes**, AWS Cloud services like **IAM**, **S3**, **VPC**, **EC2**, **ELB**, **Cloudwatch**, **Cloudfront**, **Cloudtrail**, **AWS Config**, **Lambda**, **Route53**, **SNS**, **SQS**, **SES**, **EFS, Event Bridge ,Amazon Inspector. Grafana, AWS Guard duty, AWS System Manager, AWS Certificate Manager** and **AWS Auto Scaling**.
➢ Orchestrated container-based deployments using Kubernetes, ECS, EKS
➢ Work with various Kubernetes object such as POD, Replica Set, Deployment, Services, Ingress, Ingress-Controller, Secrets, ConfigMap, Encryption Configuration
➢ Managed Kubernetes clusters on AWS EKS, deploying and scaling applications for optimal performance.
➢ Conducted incident response, troubleshooting in Kubernetes clusters, resolving service disruptions.
➢ Designed and implemented CI/CD pipelines using AWS CodePipeline, AWS CodeBuild, and AWS CodeDeploy.
➢ Expertise in Infrastructure as Code (IaC) using Terraform and Ansible for streamlined deployment.
➢ Creating and managing user accounts/groups, assigning Roles and policies using IAM
➢ Experienced in S3 Versioning, life cycle policies Server access logging on S3 Buckets
➢ Configured Cross Region Replication on S3 bucket & Lifecycle Management on S3 bucket
➢ Moving EC2 logs in to S3
➢ Build and release EC2 instance Amazon Linux for development and production environment
➢ Mounting new EBS volume to Linux and windows instances
➢ Increasing EBS volume storage capacity when the root volume is full using AWS EBS Volume features
➢ Attaching EFS Volume to multiple instances
➢ Deployed a web user interface to manage Amazon EFS file systems
➢ Designed VPC with public and private subnet, IGW, NAT
➢ Used security groups, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud
➢ Created and configured Elastic load balancers and auto scaling groups to distribute the traffic

EDUCATION

- B.Tech in MECHANICAL ENGINEERING (2012-2016) Kannur University
- Higher Secondary(2010-2012) Kerala Higher Secondary Examination Board

SKILLS & LANGUAGES

- Ability to learn new technologies faster
- Focused and confident with positive attitude
- Good communication and interpersonal skill
- Languages Known: English, Hindi , Tamil , Malayalam

LINUX EXPERIENCE

- Fabrication of file and directories
- Prompt new users and groups
- Sets, modifies, or removes the access control list (ACL) of file systems to users and groups.
- Password recovery for users and root user
- Installing and managing Web Server, Database
- Monitoring system Performance of Disk utilization and CPU utilization
- Backup management of directories using tar and compression tools and taking incremental backup
- Managing File transfer between servers Managing large hard disk farms by allowing disks to be added and replaced without downtime or service disruption with the help of LVM

- Configured the unified CloudWatch agent to push metrics and logs from EC2 instance to CloudWatch
- Analyzed metrics, logs, and traces using Grafana
- Start and stop Amazon EC2 instance at regular intervals using Lambda
- Created lambda function to check unused EBS volume and send notification using SNS
- Creating/Managing instance image/Snapshots/ Volumes
- Copying of snapshots and AMI from one region to other
- Configuring alarms for CPU utilization
- Monitoring Health checks for instances
- Setup and managed Security Groups, VPC for specific environment
- Involved in EC2 instance key pair recovery

GRADUATE TRAINEE ENGINEER – INCO ENGINEERING MANUF. TRAD. & CIVIL CONT. CO. LLC. (JUN 2018 - JUN 2020)

- Installing software and networking systems. Responding to general IT requests
- Designed and developed a cloud-based database solution as an alternative to Microsoft Access database storage with Cloud database, providing scalable and collaborative data management.
- Managed Linux servers, including installation, configuration, and troubleshooting..
- Managed and maintained company servers, ensuring they were up to date with the latest patches and updates.
- Updating and maintaining document management systems
- Designing and installing computer hardware configurations.
- Designing templates for documents, file types, and document databases.
- Updating and maintaining document management systems and physical records.
- Construction Test package Preparation, Preparation of Piping Asbuilt Drawings.