Archana Dhoti

DEVOPS ENGINEER

| 7887639385 | dhotiarchana@gmail.com | linkedin Id: http://www.linkedin.com/in/archanadhoti-devopsengineer|

Objective

Dedicated and highly skilled DevOps Engineer, AWS Architect and Linux Administrator with extensive experience in designing and implementing scalable, secure and high-performance infrastructure solutions using various DevOps tools and AWS services. Seeking to leverage my expertise in cloud architecture, automation and systems administration to contribute to the success of Company.

Professional Experience:

Hisan Labs Pvt Ltd
Pune, Maharashtra, India
Jan 2024- Present

Roles and Responsibilities

DevOps:

- **Git** for effective source code management, implementing version control system for codebase tracking. Additionally, **GitHub** is use for storing, preventing and collaborating a source code of project. also manage branching strategies for reducing errors.
- Collaborated with development teams to streamline **CI/CD** pipelines, improving code deployment efficiency.
- Managed containerized applications with **Docker** enhancing application scalability. authored Docker files in go language to build Docker images and used these images to a create containers. Additionally, worked on extensively with Docker networks and volumes.
- Orchestration tool such as **Kubernetes**. In Kubernetes, automating the deployment, auto-scaling and management of containerized applications. For automating deployment wrote a yaml file by using many objects like Pods, Replica Controller, Replica Set, Deployment, Daemon Set and Secret and config map is for keep credential secretly. Also deploying microservices architecture with ingress object.
- Implemented monitoring solutions with **Prometheus** and **Grafana**, resulting in a 30% decrease in incident response times.
- Developed and maintained infrastructure as code (IaC) using **Terraform**, enabling consistent and repeatable deployments. And create our Infrastructure on Cloud. In terraform I used block like Provider, Resource, Terraform, Data, Variables, Output and Module to create tf file which written in HCL.
- Configuration management tool **Ansible** for managing applications configuration, Automated routine tasks and reducing manual intervention, Applied playbooks for executing configuration deploy our tasks effectively.
- **Jenkins** for a automate the parts of software development lifecycle. automate the parts of software development related to building, testing and deploying. it's facilitating continuous integration and continuous deployment. responsible for establishing end-to-end CI and CD pipelines which integrating various tools such as Git, Docker, SonarQube, and Kubernetes.
- Automated deployment processes using **Jenkins, Ansible and Terraform** reducing deployment times by 50%.

AWS Services:

- Designed and implemented scalable AWS infrastructure using best practices for security, performance and cost management.
- Implemented security measures including **IAM** policies, encryption, and compliance standards to protect sensitive data.
- Storage services **S3** service for to store, protect and retrieve data from s3 bucket, **EBS** is for storing our data in Disk, **EFS** to manage data mobility. This all services helps to cost optimisation purpose.
- Set up monitoring solutions using Amazon **CloudWatch** and other tools to track system performance and generate alerts for anomalies.

Linux Server:

- Administered and optimized Linux servers for high availability and performance, ensuring 99.99% uptime.
- Conducted performance tuning and capacity planning for Linux servers, ensuring optimal resource utilization.
- Provided technical support and troubleshooting for complex issues, ensuring minimal downtime.
- Configured, maintained and monitored Linux servers and automated routines tasks using shell scripts.

Skills

- **Cloud Platforms:** AWS, Azure and GCP.
- **Configuration Management:** Ansible.
- **Containerization & Orchestration:** Docker and Kubernetes.
- **CI/CD Tools:** Jenkins.
- **Scripting Languages:** Python and bash.
- **Version Control:** Git, Github and Gitlab.
- **Monitoring & Logging:** Prometheus, Grafana and Cloudwatch.
- **Operating Systems:** Linux and Windows Server.
- **Networking:** VPC, Subnets, Route Tables, VPNs and Load Balancers.
- **Database Management:** MySQL, MariaDB and DynamoDB.
- **Security:** IAM, SSL Certificate, Security Groups and NACLs.

Personal Details

Education: B.Tech
Marital Status: Unmarried.
Languages: English, Hindi and Marathi.
Hobbies: Writing, Travelling and Dancing.

Declaration

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

Place:
Date: Signature