Ashwini Shinde

DEVOPS ENGINEER

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Profile summary

AWS Certified Solution Architect – Associate with 2+ years of experience as a DevOps Engineer & a skilled Linux Administrator with extensive expertise in designing and implementing scalable, secure and high-performance infrastructure solutions using a variety of **DevOps tools and AWS services**. Seeking to leverage my proficiency in cloud architecture, automation and systems administration to contribute to the success of Company.

Professional Experience

Spontact Global Private Limited
Bengaluru, Karnataka, India (Remote)   Nov 2022 – Present

Roles and Responsibilities

- **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 **yml** file by using many objects like **Pods, Replica Controller, Replica Set, Deployment set, Daemon Set, Secret and config map** is for keep credential secretly. Also deploying microservices architecture with ingress object.
- Implemented monitoring solutions with **Prometheus** and **Grafana**, resulting 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 time.
- 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.
- Experienced in Software Package Management with **yum** and **apt-get**, Managed Roles and Permissions of Users and Groups to give secured access.
- For Security purpose, Configured Security Groups (**Firewalls**), Network Access Control List (**NACL**) and applied **SELinux** policies to secure hosted servers. And also management VMware.
- 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.

Certifications

AWS Certified Solutions Architect – Associate
Date Earned: January 2025
Credential ID:

https://www.credly.com/badges/44102bd5-668d-4da6-a8fb-37dc632cf4e5/public_url

Personal Details

Education: BCA(Sci).
Marital Status: Unmarried.
Languages: English, Hindi and Marathi.
Hobbies: Writing, Travelling and Dancing.