Ashwini Shinde

DevOps Engineer

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Objective

AWS Certified DevOps Engineer with **2+ years of experience** in cloud infrastructure management, automation and CI/CD pipeline optimization. Proficient in leveraging AWS services, **GitHub** for Source Code Management, Infrastructure as Code with **Terraform**, Containerization tools such as **Docker**, Orchestration tool like **Kubernetes**, Monitoring part With **Prometheus** and **Grafana** and Experienced with CI/CD tools like **Jenkins**, **GitLab CI** and **AWS CodePipeline** to streamline workflows and improve scalability, reliability and operational efficiency. Seeking to apply my expertise in a challenging DevOps role to drive innovation and optimize cloud-based processes.

Experience Details

Nowon Technologies Private Limited
Bengaluru, Karnataka, India   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.

Technical Skills

- Cloud Platforms   -   AWS, Azure , GCP.
- IAC   -   Ansible.
- Build Tools   -   Maven.
- Containerization   -   Docker, ECS, Fargate.
- Orchestration   -   Kubernetes, Eks, HELM.
- SCM   -   Github , Gitlab.
- CI Tools   -   Jenkins, Gitlab-ci, Cloud Build
- CD Tools   -   Jenkins, ArgoCD
- Config. Management   -   Ansible
- Web Server   -   Apache Webserver, Apache Tomcat, Nginx, nohup
- Monitoring   -   Prometheus, Grafana,Cloudwatch
- Storage   -   S3, EFS, Cloud Storage
- Scripting Language   -   Bash Scripting, Python, go
- Programming Language   -   C, C++, Java
- LinuxOS   -   Ubuntu18, Centos 7,RHEL 7
- SQL   -   MariaDB, Postgresql, MySQL

Certifications

Certification Name : AWS Certified Solutions Architect – Associate

Credential URL:

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

Validity: 20 Jan 2025 to 20 Jan 2028

Personal Details

Education: BCA.

Date Of Birth: 27 April 1999.

Languages: English, Hindi and Marathi.
Hobbies: Open-Source Contributions, Learning New Technologies, Playing Chess.