

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

Jan 2023 – Present

Roles and Responsibilities

- 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 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.
- Writing Dockerfile to containerize the application,create custom Docker images,tagging,store and manage images on DockerHub and ECR.
- Integrated **Jenkins Pipeline** with version control systems,artifact repositories and deployment tools.

Technical Skills

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|------------------------|---|---|
| • 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,ECR. |
| • Scripting Language | - | Bash Scripting, Python-AI, 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

Certification Name: Python-AI

Personal Details

Education: BCA.

Date Of Birth: 27 April 1999.

Languages: English, Hindi and Marathi.