**MAYUR DHOTRE**

**DevOps Engineer**

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Summary:

DevOps Engineer with expertise in cloud infrastructure management and automation. Proficient in AWS, Docker, Terraform, and Jenkins, with a strong focus on CI/CD pipeline optimization, Microservices, and scalable deployment solutions. Skilled in managing Linux environments and supporting high-availability applications through efficient use of cloud technologies and infrastructure as code.

Work Experience:

**Hisan Labs Pvt. Ltd.**

**DevOps Engineer (Intern) | Dec 2023 – Present**

**Roles & Responsibilities:**

* Experienced in using **CentOS**, **Redhat**, and **Ubuntu** distributions of the Linux operating System for security, support, and stability.
* Used Linux commands to create user and group, installed packages with using **“apt-get”, “yum”,**

Also created **cronjobs** to perform daily tasks on time.

* Automated manual tasks through the creation of **shell scripts**, streamlining operational Workflows.
* Successfully worked with editors to write scripts to automate the task and managed file systems, used **curl** and **wget** to download files from the URL to the current directory and save locally.
* Experience working on AWS and its services like **IAM**, **VPC**, **EC2**, **EBS**, **S3**, **ELB**, **Auto Scaling**, **Route53**, **CloudWatch**, **SNS** to create custom-sized VPCs, subnets, NAT, and security groups.
* Worked with **AWS services** like IAM Service to create users and provide roles and permissions for better network performance. Also implemented MFA to provide additional security.
* Used S3 services to host static websites and created S3 buckets to store data with low storage costs.
* Efficiently used EC2 Service to install **DevOps methodology** tools like **Git**, **GitHub**, **Docker**, **Kubernetes**, **Terraform**, and **Jenkins** for CI/CD pipeline.
* Defined AWS **Security groups** which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Proficiently created **CloudWatch** dashboards, used metrics by adding CPU utilization, memory usage, and set alarms to respond quickly.
* Created Classic **Load Balancer** and Application Load Balancer to distribute incoming traffic to another server, configured SSL certificates, and managed scalable systems.
* Recovered lost **key-pair** of EC2 instances using snapshots of the volume.
* Expert in using **Route 53** for providing domain name and routing.
* Used **EFS** service for EC2 instance data sharing across different regions.
* Worked on branching strategies to create **Dev**, **Test**, **Deploy**, and **Production**, allowing specific permission to these branches. Also created feature and **hotfix branches** and merged them to each other.
* Expertly built images using **Docker** files and created containers for the deployment of applications using **ECS** and **ECR** services.
* Write **Kubernetes deployment** files and maintain clusters to manage containerized applications, Set up Kubernetes clusters, including **nodes**, **namespaces**, and **pods**, Monitor and troubleshoot Kubernetes deployments to ensure high availability
* Develop **Terraform scripts** to manage cloud infrastructure as code, provisioning AWS resources like EKS, RDS, and VPC
* Designed and optimize **Jenkins pipelines** for automating the build, test, and deployment process. Responsible for writing pipeline scripts and integrating them with Docker and Kubernetes.
* Configured and manage **Maven** to automate project builds, Integrate Maven with CI/CD pipelines to ensure automated build and testing.
* Set up and maintain **SonarQube** for continuous code quality checks.

Key Skills

* **Version Control:** Git & GitHub
* **Containerization:** Docker
* **Orchestration:**  Kubernetes
* **CI/CD Tools:**  Jenkins
* **Infrastructure as Code:** Terraform
* **Cloud Platforms:**  AWS (EC2, S3, VPC, IAM, Route53, RDS)
* **Monitoring & Logging:**  Grafana, Prometheus
* **Operating Systems:** CentOS, Ubuntu, Amazon Linux
* **Others:** Python, Mysql, Maven, SonarQube

Education

**Bachelors of Computer Engineer**

Indira College of Engineering & Management (Pune, Maharashtra)

(2019-2023)

Personal Details:

**Date of Birth:** 15 Sep 2002

**Marital status:** Single

**Language:** English, Hindi, Marathi

**Place:**

**Date:**