**MAYUR DHOTRE**

**Cloud Engineer**

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Summary:

Cloud Engineer with expertise in designing, implementing, and managing cloud infrastructure and automation solutions. Proficient in **Azure, AWS**, Docker, Terraform, and Jenkins, with a strong focus on optimizing CI/CD pipelines, enabling microservices architectures, and deploying scalable, high-availability applications. Skilled in managing Linux environments and leveraging infrastructure as code to streamline cloud operations and enhance system reliability.

Work Experience:

**Hisan Labs Pvt. Ltd.**

**Cloud Engineer (Intern) | Feb 2024 – Dec 2024 | 9 months**

**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**.
* 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.

Key Skills

* **Cloud Platform-1:**  AWS (EC2, S3, VPC, IAM, Route53, RDS)
* **Cloud Platform-2:**  Azure (Virtual machine, Vnet, DNS Zone, Azure Azure Directory )
* **Version Control:** Git & GitHub
* **Operating Systems:** CentOS, Ubuntu, Amazon Linux, Windows OS
* **Security:** Firewall, DNS
* **Containerization:** Docker
* **Orchestration:**  Kubernetes
* **CI/CD Tools:**  Jenkins
* **Infrastructure as Code:** Terraform

Project:

**Complete Application Deployment | Angular & Spring Boot**

*XYZ client*

* Used Angular as a frontend.
* Used SpringBoot as a backend.
* Sql as a database.

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:**