**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 Azure and its services like **Azure AD, Virtual Network, Virtual Machines, Managed Disks, Blob Storage, Azure Load Balancer, Auto-Scaling, DNS Zone, and Azure Monitor**.
* Worked with **Azure AD** to manage user identities and provide roles and permissions for enhanced network security. Also implemented Multi-Factor Authentication (MFA) to ensure additional security layers.
* Used **Blob Storage** to host static websites and created storage accounts to store data with cost-efficient storage solutions.
* Efficiently utilized **Azure Virtual Machines** to deploy and manage DevOps tools like Git, Azure Docker, and other automation services.
* Configured Azure Network Security Groups (NSGs) to act as virtual **firewalls**, controlling inbound and outbound traffic to Virtual Machines.
* Proficiently created **Azure Monitor** dashboards and used metrics like CPU utilization, memory usage, and network performance, setting alerts for proactive system monitoring.
* Deployed **Azure Load Balancers** to distribute incoming traffic across multiple servers, configured SSL certificates, and maintained highly available and scalable systems.
* Recovered Virtual Machine access using **snapshot** recovery and managed data backups efficiently.
* Expert in using **Azure DNS** Zone for managing domain names and routing efficiently.
* 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:**  Azure (Virtual machine, Vnet, Azure Directory, Azure Monitor,

Azure Dns, Vm Images, Azure Sql)

* **Cloud Platform-2:**  AWS (EC2, S3, VPC, IAM, Route53, RDS)
* **Version Control:** Git & GitHub
* **Operating Systems:** Ubuntu, Linux, Windows OS, CentOS (RedHat)
* **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:**