

MAYUR DHOTRE

Cloud Engineer

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Portfolio: <https://cloudchampmayur.cloud>

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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: