

Mayur Dhotre

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Portfolio: <https://cloudchampmayur.cloud>

OBJECTIVE: DevOps Engineer with a solid background in cloud services, automation, and CI/CD pipelines. Focused on optimizing workflows, improving system reliability, and driving continuous improvements in a collaborative and innovative environment.

WORK EXPERIENCE:

DevOps Intern @ Hisan Labs (pune)

Nov-2023 to Present

- ❖ Operated on multiple Linux platforms, including Red Hat-based systems, enhancing system administration and troubleshooting skills & learned about cloud platforms like AWS.
 - ❖ Gained hands-on experience with several DevOps tools such as Docker, Kubernetes, Jenkins, and Terraform, improving skills in automation, continuous integration/continuous deployment (CI/CD), and infrastructure management.
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ROLES & RESPONSIBILITIES:

DevOps:

- **Github:** Work closely with developers, testers, and system administrators to streamline workflows and manage pull requests. Use multiple environments (Dev, Test, UAT, and Production) In Deployment Process.
- **Docker:** Create Dockerfiles for containerizing applications and push over Docker Registry to ensuring efficient and portable deployments process.
- **Kubernetes:** 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. Manage The external access using services like load balancer, nodeport & clusterIP along with Ingress for controlling incoming traffic.
- **Terraform:** Develop Terraform scripts to manage cloud infrastructure as code, provisioning AWS resources like EKS, RDS, and VPC.
- **Jenkins:** Design and optimize Jenkins pipelines for automating the build, test, and deployment process. Responsible for writing pipeline scripts and integrating them with Docker and Kubernetes, Monitor and troubleshoot Jenkins jobs to ensure smooth operation.
- **Maven:** Configure and manage Maven to automate project builds, Integrate Maven with CI/CD pipelines to ensure automated build and testing.
- **SonarQube:** Set up and maintain SonarQube for continuous code quality checks, Integrate SonarQube with CI/CD pipelines to enforce code quality standards, Analyze code quality reports and work with developers to fix issues.

Aws Cloud:

- Manage IAM roles, users, and policies to control access and secure resources.
- Set up and manage S3 buckets for hosting the Static Website, including lifecycle policies, Access control, Versioning.
- Launch and optimize EC2 instances, utilizing auto-scaling for performance and attach load balancer to volume group.
- Design and configured VPCs with Private & Public Subnets, implemented network security using ACLs and security groups.
- Manage the DNS Configuration with Route53 Service.
- Monitored AWS resources and Analyse logs using CloudWatch.

Linux:

- Managed system users, groups, and permissions on multiple Linux servers.
- Secured systems with firewalls, SELinux, and sudo privileges.
- Monitored system performance using tools like top and netstat.
- Managed file systems, performed disk partitioning, and configured logical volumes.
- Automated tasks using shell scripts and scheduled backups with cronjobs.

SKILLSET:

Operating Systems	Centos, Ubuntu, Amazon Linux
Clouds	Aws
Version Control System	Git & Github
Containerisation	Docker
Orchestration	Kubernetes
IAC	Terraform
CI/CD	Jenkins
Monitoring & Logging	Grafana, Prometheus

EDUCATION:

- **Bachelor of Computer Engineering** (2019-2023)
Indira College of Engineering & Management. (Pune, Maharashtra)

PERSONAL DETAILS:

- Date of Birth: 15 Sep 2002
- Marital Status: Single
- Nationality: Indian
- Language: Marathi, Hindi, English