

# Mayur Dhotre

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## Objective:

Passionate and results-driven DevOps Engineer with a strong background in cloud services, automation, and CI/CD pipelines. Eager to leverage my technical skills and collaborative approach to streamline workflows, enhance system reliability, and drive continuous improvement in a dynamic and innovative organization.

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## Work Experience:

### DevOps Intern at Hisan Labs

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:

- **Git & Github:**  
Manage and maintain Git repositories to ensure efficient version control.  
Implement branching strategies like GitFlow to streamline development workflows.  
Work closely with development teams to review code changes and manage pull requests.  
Automate repository tasks using GitHub Actions.
- **Docker:**  
Create and manage Docker images and containers for application deployment.  
Develop Dockerfiles to automate image creation.  
Use Docker Compose for managing multi-container applications.  
Monitor and optimize container performance and resource usage.
- **Kubernetes:**  
Deploy, manage, and scale applications using Kubernetes.  
Set up Kubernetes clusters, including nodes, namespaces, and pods.  
Use Helm charts for efficient application deployment and management.  
Monitor and troubleshoot Kubernetes deployments to ensure high availability.
- **Terraform:**  
Write and maintain Terraform scripts for infrastructure as code.  
Automate the deployment of cloud resources using Terraform.  
Collaborate with teams to define infrastructure needs and best practices.

- **Jenkins:**  
Set up and manage Jenkins for continuous integration and deployment.  
Create and maintain Jenkins pipelines to automate build, test, and deployment processes.  
Integrate Jenkins with other tools to streamline the CI/CD workflow.  
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.  
Optimize build performance and manage artifact repositories.
- **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:**

- **IAM:** Manage roles, users, and policies to control access; implement security best practices; monitor IAM activities.
- **S3:** Set up and manage buckets; implement lifecycle policies; configure bucket policies and ACLs.
- **EC2:** Launch and manage instances; optimize performance and security; use auto-scaling for demand-based resource adjustment.
- **VPC:** Design and configure VPCs; manage network traffic with ACLs and security groups; implement VPC peering and VPNs for secure connectivity.
- **Auto Scaling:** Define and manage auto-scaling groups; set scaling policies; monitor and adjust resource usage.
- **Route 53:** Manage DNS settings; set up health checks; implement routing policies for traffic optimization and reliability.
- **RDS:** Provision and manage relational databases; configure backups and security; optimize database performance.
- **CloudWatch:** Monitor AWS resources; set up custom metrics and dashboards; analyze logs to troubleshoot issues.

## **Linux:**

- Managed system users and group in server OS like CentOS.
- Implement security using firewall, SELinux and sudo privileges.
- Monitored systems using tools like top and netstat. managed file systems, disk partitioning, and created logical volumes.
- Managed network services including SSH, FTP, HTTP, and NFS.
- Developed basic shell scripts for automation and created backups using tar and cronjobs.

## SkillSet:

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

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## Education:

- **Bachelor of Computer Engineering**  
Indira College of Engineering & Management.

**(2019-2023)**  
(Pune, Maharashtra)

Place:

Date: