

# Yunus Hameed Sharif

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AWS DevOps Engineer with hands-on experience in designing CI/CD pipelines, containerized application deployments, and cloud infrastructure provisioning on AWS. Strong practical exposure through real-world projects and internship experience using Docker, Kubernetes, Jenkins, Terraform, and Linux. Passionate about automation, scalable systems, and continuous improvement.

## TOOLS & TECHNOLOGIES

**Cloud Platforms:** AWS (EC2, S3, RDS, IAM, VPC, CloudWatch, CloudFront, SNS) | **DevOps & CI/CD:** Jenkins, Docker, Kubernetes, Ansible, Terraform | **Monitoring & Security:** CloudWatch, SonarQube, Trivy, OWASP Dependency Check | **Scripting & OS:** Linux (Ubuntu), Bash, Python | **Version Control:** Git, GitHub | **Networking:** TCP/IP, DNS, VPC, Subnets, Security Groups, NACL

## EXPERIENCE

DevOps Intern   Elevate Labs	Remote, Bengaluru   April 2025 – May 2025
<ul style="list-style-type: none"><li>Worked on real-time DevOps projects and daily tasks involving Git, Jenkins, Docker, Terraform, and CI/CD pipelines.</li><li>Implemented automated build and deployment pipelines using Jenkins and integrated with GitHub repositories.</li><li>Containerized applications using Docker and managed services with Docker Compose.</li></ul>	

## PROJECTS

### 1. **Project:** Two-Tier Application Deployment on AWS EKS

- Designed and deployed a highly available two-tier application (Flask application with MySQL database) on AWS EKS.
- Containerized the Flask application using Docker and pushed images to Docker Hub.
- Implemented Kubernetes ConfigMaps and Secrets for secure configuration and credential management.
- Created MySQL Deployment and Service with initialization scripts for automated database setup.
- Exposed the application using Kubernetes LoadBalancer Service and validated end-to-end functionality.

### 2. **Project:** DevSecOps CI/CD Pipeline for a 3-tier MERN stack Application

- Configured Jenkins pipeline to automate code integration, testing, and deployment.
- Integrated SonarQube for static code quality analysis.
- Performed dependency and image scanning using OWASP Dependency Check and Trivy.
- Built and pushed Docker images (frontend & backend) to Docker Hub.
- Deployed application on AWS EC2 using Docker Compose.

### 3. **Project:** Portfolio Website Hosting on AWS S3 using Terraform

- Provisioned an AWS S3 bucket using Terraform and enabled static website hosting.
- Configured ownership controls, public access settings, and bucket policies for secure public access.
- Automated deployment of website files (HTML, CSS) using Terraform.
- Generated Terraform outputs to retrieve and display the hosted website endpoint.

## EDUCATION

- Bachelor of Computer Applications (BCA)** | MGM's College Of CS&IT, Nanded, Maharashtra | 2021-24 | 7.28