

# Muhammad Habib

## Devops Engineer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [Youtube](#)

## SUMMARY

Detail-oriented and passionate DevOps Engineer skilled in **Docker**, **Kubernetes**, **AWS**, and building efficient **CI/CD pipelines** using **Jenkins** and **GitHub Actions**. Committed to driving automation, optimizing system reliability, and implementing Infrastructure as Code (IaC) with **Terraform** to enable scalable, cloud-native solutions.

## Work EXPERIENCE

### DevOps Engineer | Codora Pvt Ltd | Islamabad, PK

Jun 2025 — Present

- Architected end-to-end CI/CD pipelines using GitHub Actions with automated testing and blue-green deployments, reducing deployment time by about 50% and achieving 99.9% uptime.
- Automated AWS infrastructure provisioning (EC2, S3, RDS, VPC, ALB) using Terraform, enabling reproducible environments and about 80% faster deployment across dev, staging, and production.
- Deployed and configured SonarQube server in production for continuous code quality analysis, integrating it into CI/CD pipelines for automated security and quality gates across team projects.

### DevOps Engineer | Tericsa Pvt Ltd | Karachi, PK

May 2023 — Aug 2024

- Containerized legacy applications into Docker microservices with Docker Compose orchestration, improving development workflow efficiency by about 70%.
- Configured secure CI/CD workflows with automated security scanning and implemented SSH key management and IAM policies, reducing security vulnerabilities by about 75%.
- Configured production environments with load balancing, SSL/TLS, and performance optimization, improving response time by about 40%.

## EDUCATION

### Bachelors in Computer Science, PAF KIET

Aug 2020 — Jan '2025 Karachi, PK

## CERTIFICATIONS

### [Introduction to DevOps](#), IBM

Dec 2024

### [Introduction to Agile Development & Scrum](#), IBM

Jan 2025

### [AWS Cloud Technical Essentials](#), AWS

Mar 2025

### [DevOps on AWS: Code, Build, and Test](#), AWS

Mar 2025

### [DevOps on AWS: Release and Deploy](#), AWS

Mar 2025

### [DevOps on AWS: Operate and Monitor](#), AWS

Mar 2025

## PROJECTS

- Docker Compose Converter Tool** [Project Link](#)

Engineered an automated Docker Compose generation tool, eliminating manual file creation and improving developer environment setup efficiency by about 70%. Impacted 100+ developers by streamlining Docker workflows.

- Local AI Model Deployment** [Project Link](#)

Led the containerization and local deployment of DeepSeek, Ollama, and OpenWebUI models using Docker, enabling 100% offline AI access without cloud dependency. Authored detailed deployment guides, reducing setup time by about 40% for users (Docker, Containerization, DevOps, AI/ML).

- Technical Content Creator** [Project Link](#)

Produced and delivered high-impact Docker tutorials and technical walkthroughs, reaching 1,000+ developers globally. Strengthened community learning around containerization, DevOps workflows, and real-world project implementation.

## SKILLS

**Cloud Computing:** AWS

**Version Control:** Git, GitHub

**Containerization:** Docker, Kubernetes

**Scripting Languages:** Bash, Python

**CI/CD:** Jenkins, GitHub Actions

**Infrastructure as Code:** Terraform