

# Daoud Hussain

## DevOps Engineer

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🔗 Portfolio 📝 Medium

## SUMMARY

I am a **Last semester** student, pursuing a BS(CS) degree, with a focus on **DevOps Engineering**, at **Comsats Islamabad**. I've been working on **DevOps** for the past **1.5 years**. I've set up CI/CD pipelines using tools like **Jenkins**, **GitHub Actions**, and **Azure DevOps**. I've played around with **Docker** for containerization, and used **Terraform** and **Ansible** to provision and configure Infrastructures. Moreover, I've deployed applications on **K8s Clusters** and monitored them with **Grafana** and **Prometheus**. Currently, I'm super eager to take all this knowledge and apply it to some real-world **industry** projects.

## EDUCATION

**Comsats University Islamabad**  
*Bachelors (Computer Science)*

02/2021 – 01/2025

## PROFESSIONAL EXPERIENCE

**Jnr. DevOps Engineer**  
*Octaloo Technologies* 🔗

11/2024 – present

**DevOps Engineer**  
*MLify.AI* 🔗

10/2023 – present

**DevOps Eng. Intern**  
*PolicyCon* 🔗

09/2024 – 11/2024

## PROJECTS

**InNews** 🔗

*Deployed Python application on AWS EC2 with SSL, nginx configuration, and CI/CD workflows for automatic deployment on new commits.*

**Reddit Clone on Kubernetes** 🔗

*A Next.js reddit clone deployed on K8s ingress and cluster monitored using Grafana and Prometheus.*

**CI/CD Next.js App** 🔗

*End-to-End Github Actions CI/CD pipeline triggered across all environments: dev, staging, and prod and push the images to dockerhub with env tags and automatically run containers on EC2.*

**CI/CD TODO Application** 🔗

*A Jenkins CI/CD Pipeline for a Full Stack Application Using SonarQube, OWASP Dependency Check, Docker, and Trivy.*

## SKILLS

Docker

Kubernetes

Jenkins

AWS

Terraform

Ansible

Grafana

Git

## BLOGS

• Docker: An Ultimate guide to Containerization! 🔗

• From Zero to K8s Hero: A Beginner's Journey into Kubernetes 🔗

• Monitoring with Grafana, Promtail, and Loki: A Complete Guide 🔗

## CERTIFICATIONS

• AWS Cloud Practioner Essentials 🔗

• Advanced Testing Practices Using AWS DevOps Tools 🔗

• Getting Started with DevOps on AWS 🔗

• IEEE Best Programmer of the Month 🔗