



Daoud Hussain

DevOps Engineer

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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 all sorts of cool 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**. Also, I've got some **AWS certifications** under my belt too. Currently, I'm super eager to take all this knowledge and apply it to some real-world **industry** projects. So if you've got any opportunities, I'm all ears!

EDUCATION

Bachelors (Computer Science)
Comsats University Islamabad

02/2021 – 01/2025

PROFESSIONAL EXPERIENCE

Jnr. DevOps Engineer
Octaloop Technologies 

11/2024 – present

DevOps Engineer
MLify.AI 

10/2023 – present


DevOps Eng. Intern
PolicyCon 

09/2024 – 11/2024

PROJECTS

CI/CD Next.js App 

End-to-End 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.

Reddit Clone on Kubernetes 

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

InNews 

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

Cloud Native Monitoring 

A Kubernetes deployed Cloud Native Resource Monitoring Python Application.

CI/CD TODO Application 

A complete 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! 


• End-to-End CI/CD Pipeline for Node.js Web Application using AWS Pipeline Services. 

• 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 