



Daoud Hussain

DevOps Engineer

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SUMMARY

I am a **Last semester** student , pursuing a BS(CS), with a focus on **DevOps Engineering**, at **Comsats Islamabad**. Throughout my academic journey, I have gained a solid foundation in front-end and back-end web technologies and have open-sourced projects on **GitHub**. Currently, I've been working on **DevOps** for the past 1 year. I have containerized applications with **Docker**, created CI/CD pipelines using **Jenkins**, Github actions, and **Azure DevOps** . I have also deployed a few applications on **Kubernetes Clusters**, monitored with **Grafana** and **Prometheus**, and written a few **blogs** about it. I also hold **AWS Certifications**. But I am looking for opportunities to contribute in real world industry projects.

EDUCATION

Bachelors (Computer Science)
Comsats University Islamabad

02/2021 – 01/2025

PROFESSIONAL EXPERIENCE

DevOps Eng. Intern
PolicyCon 

09/2024 – present

MERN-Stack Intern
Infiniti Software 

01/2024 – 03/2024


Web Developer Intern
Interns Pakistan 

09/2023 – 10/2023

PROJECTS

CI/CD Next.js App 

End to End CI/CD pipeline of Next.js application using Github Actions triggered on PR and Push.

Reddit Clone on Kubernetes 

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

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.

Smart School 

A docker image for a full-stack school management system created in MERN stack.

SKILLS

Docker

Azure DevOps

Jenkins


Kubernetes

Prometheus

AWS

Grafana

BLOGS

• Docker: An Ultimate guide to Containerization! 

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

• Building a Cloud-Native Resource Monitoring App with Python on Kubernetes! 

CERTIFICATIONS

• AWS Cloud Practioner Essentials 

• Advanced Testing Practices Using AWS DevOps Tools 

• Getting Started with DevOps on AWS 

• IEEE Best Programmer of the Month 