Daoud Hussain

DevOps Engineer

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SUMMARY

I am a **Final semester** student , pursuing a Bachelor's degree in Computer Science, 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 using **Docker**, uploaded on Docker hub and created CI/CD pipelines to automate workflows using **Jenkins** and **Github actions**. I have also deployed a few applications on **Kubernetes Clusters** and written a few **blogs** about it on medium. I also hold **AWS Certifications.** But I am looking for opportunities to contribute in real world industry projects.

PROFESSIONAL EXPERIENCE

MERN-Stack Intern   01/2024 – 03/2024
Infiniti Software 🔗

Web Developer Intern   10/2023 – 11/2023
CodSoft 🔗

Web Developer Intern   09/2023 – 10/2023
Interns Pakistan 🔗

SKILLS

Docker	GitHub Actions
Jenkins	Kubernetes
Prometheus	AWS
Git/GitHub	Grafana

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.

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

EDUCATION

Bachelors (Computer Science)   02/2021 – 01/2025
Comsats University Islamabad

Inter (Computer Science)   04/2018 – 06/2020
Cambridge International Science College Talagang

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 🔗