

M Hamza Naeem

DevOps and Cloud Engineer

With 1.5+ years of experience in implementing DevOps solutions to enable agile software development and assure rapid, reliable, and secure software product delivery. Skilled in cloud computing, infrastructure as code, automation, and containerization, as well as DevOps tools and technologies for improving software development processes and team interactions.

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WORK EXPERIENCE

Cloud DevOps Engineer (working student)

4FriendsOnly.com Internet Technologies AG

03/2022 - Present

Ilmenau, Germany

Achievements/Tasks

- Deploying, managing, and maintaining end-to-end applications on AWS.
- Implementing the core processes of DevOps using Docker, Kubernetes, Github Actions. Such as CI/CD, containerization, and orchestration on cloud infrastructure.
- Developed IaC backend of cloud based coding sandbox system on AWS, which helped in significantly reducing the infrastructure cost of the organization and assist developers to create cloud resources through app.
- Analysed and implemented code quality tools for cloud CI/CD pipeline with Github Actions, resulting in better code-efficiency and quality (internship).
- Participated in development of Flutter App and configured security through OKTA and AWS tools.

Freelance Developer

Remote

10/2020 - 09/2021

Achievements/Tasks

- Developed and maintained several medium scale projects using React, Node.js, and Django.
- Learned client management skills.

Intern - Web Development

Neon Techs

07/2019 - 09/2019

Islamabad, Pakistan

Achievements/Tasks

- Participated in the development of web applications.
- Learned basics of programming and databases.

EDUCATION

Masters in Research in Computer and Systems Engineering

TU Ilmenau

10/2021 - Present

Ilmenau, Germany

Bachelors of Science in Computer Science

National Textile University

10/2016 - 10/2020

Faisalabad, Pakistan

SKILLS

AWS

Docker

Kubernetes

Jenkins

Chef

GitHub Actions

Git

Bash

Linux

IaC

Nginx

Python

JavaScript

React

Node.js

Django

PostgreSQL

PL\SQL

SonarQube

PERSONAL PROJECTS

Cloud Deployment

- End to end deployment of django and javascript projects on AWS EC2 through Jenkins CI/CD, K8s, Docker with auto-scaling and load balancing configurations.

Sandbox Coding System (08/2022 - 11/2022)

- Coding platform on cloud which supports sharing of development environment between developers.

Automatic Text Summarization. (01/2020 - 06/2020)

- Text summarization web application using state of the art techniques of Natural Language Processing and text mining. Web application was build using Django.

CERTIFICATIONS

Continuous Delivery & DevOps (08/2020 - 08/2020)

<https://coursera.org/share/dce3687b6dc03a886de2f846c782c349>

AWS Fundamentals: Going Cloud-Native

(09/2020 - 09/2020)

<https://coursera.org/share/cf6abd40e0bda02f2861e9cbfa838a70>

Building Containerized Applications on AWS

(09/2020 - 09/2020)

<https://coursera.org/share/848d09ac059ecfcc6a3a707d9310f273>

Software Processes and Agile Practices

(08/2020 - 08/2020)

<https://coursera.org/share/25ef3884f98651d3833ed506f51cac9c>

Linux for Developers (07/2020 - 08/2020)

<https://coursera.org/share/c1b2e790732e5f06ef26fc070ee2999d>

LANGUAGES

English



German



INTERESTS

Reading

Gym

Learning languages

E-Games