

# MUDDASSIR OBAID

## AWS CLOUD DEVOPS ENGINEER

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### About Me

Recent graduate aspiring to excel as an AWS DevOps , combining theoretical experience with practical project implementation. Eager to contribute Innovative solutions for seamless cloud infrastructure and automation . I am seeking opportunities wherein my technical skills competencies help organizations grow .

### Professional Experience

**Full Stack Academy (Alagzoo) - Intern**

**Sep2023 - Present**

I possess extensive hands-on experience with the Linux Operating System and proficient shell scripting skills.

Additionally, I have completed hands-on labs in AWS provisioning and possess a deep understanding of key AWS services such as EC2, S3, ELB, IAM, and VPC.

I have successfully created Docker images using a Docker file, managed containers, and utilized Docker swarm.

I have effectively utilized testing tools like Sonarqube and deployed a game application on an AWS EKS Cluster

### Technical skills

#### Amazon Web Services

Elastic Compute Cloud (EC2)  
Virtual Private Cloud (VPC)  
Relational Database Service (RDS)  
Elastic Load Balancer (ELB)  
Route 53  
IAM Role  
EKS  
Elastic Load Balancer (ELB)  
AWS Cloud Watch  
AWS Lambda  
AWS Cloud Front  
ECS

#### DevOps Tools

Git, GitHub  
Jenkins  
Docker  
Ansible  
Maven  
kubernetes  
Terraform  
Sonarqube

### Education

**BCA - ( Bachelor Of Commerce ) in Computer Applications** **2020 - 2023**

Shadan Degree College For Men - Affiliated to Osmania

## **Projects**

### **1. Building & Deploying a fault tolerant WordPress site on AWS Cloud**

We have leveraged AWS infrastructure to host a high-performing WordPress site.

By establishing a VPC, launching instances within it, and implementing an RDS and S3 bucket for deployment and backup, we've ensured robust data management.

Our strategic use of an Application Load Balancer and Autoscaling groups effectively manages traffic flow. Furthermore, our integration of SNS guarantees timely notifications whenever instances scale up or down, ensuring seamless operations.

### **2 . Deploying 2048 Game App on Amazon EKS**

A Kubernetes End-to-End (E2E) project for deploying a 2048 game app on Amazon Elastic Kubernetes Service (EKS).

It involves setting up, deploying, and managing the popular 2048 game application on a Kubernetes cluster running on AWS EKS.

This project aims to demonstrate how to containerize a web application, deploy it on EKS, manage the cluster, and expose the application to users.

### **3 . DevSecOps Pipeline Project : Deploy Netflix Clone on Kubernetes**

In this DevSecOps project, I deploy the Netflix clone Application as a docker container on the Kubernetes cluster through a secure CI/CD pipeline using Jenkins, the popular CI/CD tool.

Along with Jenkins, I have used many other popular and demanding DevOps tools like Docker, Sonarqube, Trivy and even Prometheus and Grafana for Kubernetes deployment.

### **4 . DevSecOps Pipeline Project : Deploy React js ( Zomato ) application on Docker Containers** As part of my DevSecOps project, I deployed a React JS application called Zomato on Docker containers. To create this pipeline, I utilized the Jenkins CI/CD tool.

For an extra layer of security, I incorporated OWASP and Trivy into the pipeline to perform security testing and vulnerability management.

## **Certifications**

Linux Unhatched Essential - Cisco Networking Academy

Python - Great Learning

Diploma in AWS Solution Architect Associate - Udemy

AWS & DevOps - Full Stack Academy

TCS iON Career Edge - Young Professional