

MUHAMMAD KHUBAIB MALIK

AWS DEVOPS ENGINEER

0300-6299738

khubaibqadir410@gmail.com

Lahore

SUMMARY

Dedicated and detail-oriented DevOps Engineer with a strong foundation in Linux-based infrastructure, CI/CD pipelines, and automation tools. Proficient in scripting languages like Python and Java and experienced in deploying cloud services and managing databases. Adept at troubleshooting, process optimization, and implementing Agile and DevOps principles to drive operational excellence.

EDUCATION

BS. SOFTWARE ENGINEERING

UET Taxila

2019 - 2023

SKILLS

Python | AWS | Linux | Git & Github

| Chef | Docker | Ansible |

Jenkins | Terraform | CI/CD

Pipeline | Nagios | Kubernetes |

Helm & Helm Charts | Yaml |

MongoDB | Manage servers

through GUI & CLI

SELF-DRIVEN PROJECT

AWS CLOUD INFRASTRUCTURE FOR AUTOMATED E-COMMERCE APPLICATION

Sep 2023 - Nov 2023

Objective:

Built a secure, scalable, and cost-efficient cloud infrastructure to host an e-commerce application, showcasing end-to-end DevOps capabilities.

Responsibilities and Accomplishments

- **Infrastructure Automation:**
 - Automated provisioning of AWS resources (EC2, S3, RDS, VPC) using Terraform for consistency and scalability.
- **CI/CD Pipeline Development:**
 - Configured Jenkins pipelines for application build, test, and deployment.
 - Integrated GitHub Actions for continuous integration workflows.
- **Containerization and Orchestration:**
 - Deployed containerized applications using Docker.
 - Managed clusters with Kubernetes on AWS EKS.
- **Monitoring and Security:**
 - Set up monitoring using Prometheus and visualized performance metrics with Grafana.
 - Configured AWS IAM roles and security groups to implement least-privilege access.

Key Results:

- Achieved 99.9% uptime and reduced deployment time by 40% with automation.
- Delivered a scalable application hosting environment ready for real-world use.