

# Abad Naseer

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## EDUCATION & CERTIFICATIONS

### Bachelor of Science in Software Engineering

NUCES-FAST University

Jan. 2020 – Present

Islamabad, Pakistan

**Certifications:** Kubernetes for DevOps (Simplilearn)

**Achievements:** Completed Linux Bible Book - Comprehensive Linux Administration Guide

## EXPERIENCE

### DevOps Engineer

Poshmaal Technologies

Dec. 2023 – Present

Islamabad, Pakistan

- Architected and deployed Kubernetes clusters with 99.9% uptime, managing 50+ microservices with auto-scaling
- Implemented Redis caching and Kafka messaging, improving application performance by 40% and reducing latency
- Built CI/CD pipelines with Jenkins and GitHub Actions, achieving zero-downtime deployments for production systems
- Configured active-passive database clustering with PostgreSQL, ensuring high availability and disaster recovery
- Established comprehensive monitoring with Prometheus and Grafana, reducing incident response time by 60%
- Implemented security best practices including RBAC, SSL/TLS encryption, and container vulnerability scanning

### Freelance DevOps Engineer

Remote Consulting

Feb. 2023 – Dec. 2023

Multiple Clients

- Delivered end-to-end DevOps solutions for 15+ clients, specializing in AWS cloud migrations and containerization
- Automated infrastructure provisioning using Terraform and Ansible, reducing deployment time by 70%
- Implemented monitoring solutions with Prometheus, Grafana, and ELK stack for real-time performance tracking

## KEY PROJECTS

### MLOps Text Classification Pipeline | *Airflow, MLflow, FastAPI, Prometheus, Grafana*

2024

- Built end-to-end MLOps pipeline with Airflow orchestration, tracking 4+ NLP models in MLflow with automated retraining
- Deployed REST API using FastAPI with model serving from MLflow registry, implementing real-time monitoring via Prometheus/Grafana

### AlohaImages.co - Production Scale Platform | *Next.js, Spring Boot, AWS, Kubernetes*

2024

- Deployed scalable platform serving 10K+ users with AWS multi-service architecture (S3, RDS, EC2, ELB)
- Implemented Kubernetes orchestration with HPA, Redis caching, and Kafka for real-time image processing

### Enterprise Cloud Migration | *AWS, Docker, Kubernetes, Terraform*

2024

- Led AWS to multi-cloud migration reducing costs by 40% while maintaining 100% service availability
- Containerized 20+ legacy applications using Docker and deployed on Kubernetes with service mesh

### DevCheck Platform | *React, Spring Boot, PostgreSQL, Docker*

2024

- Built full-stack application with automated CI/CD, SSL termination, and database clustering
- Implemented Docker containerization and Nginx load balancing for scalable deployment architecture

## TECHNICAL SKILLS

**Cloud & Infrastructure:** AWS (EC2, S3, RDS, Lambda, ELB), Terraform, Ansible, Infrastructure as Code

**Containerization:** Docker, Kubernetes, Helm, Docker Compose, Container Orchestration, Microservices

**CI/CD & MLOps:** Jenkins, GitHub Actions, GitLab CI, ArgoCD, MLflow, Airflow, Model Deployment

**Monitoring & Security:** Prometheus, Grafana, ELK Stack, SSL/TLS, RBAC, Security Scanning, Vault

**Databases & Messaging:** PostgreSQL, MySQL, Redis, MongoDB, Kafka, RabbitMQ, Database Clustering

**Web & API:** Nginx, Apache, FastAPI, Load Balancers, API Gateway, Service Mesh, REST APIs