

NADIA MUDASSAR

Phone no: 07721750024 | nmudassar21@outlook.com | Location SW17

www.linkedin.com/in/nmudassar399462342

PROFESSIONAL SUMMARY

DevOps & Data Engineer with hands-on experience in designed and automated multi-cloud environments on AWS and Azure with Terraform, Docker, and Kubernetes. Skilled in CI/CD automation, data pipeline design, and cloud data architecture enhancement. Experienced in Azure Data Factory, Data Lake, and Synapse Analytics for building scalable, efficient data solutions. Strong collaborator with analytical, communication, and problem-solving skills, focused on delivering secure, sustainable, and data-driven cloud systems aligned with business goals.

CORE SKILLS

Cloud Platforms: AWS, Azure

Containers & Orchestration: Docker, Kubernetes (EKS, AKS), Helm, Karpenter

Infrastructure as Code: Terraform, Cloud Formation, ARM Templates

CI/CD Tools: Azure DevOps, Jenkins, GitHub Actions, AWS CodePipeline, Argo CD

Monitoring: Prometheus, Grafana, Cloud Watch, Azure Monitor, Open Telemetry

Scripting: Bash, Python, YAML, Java (Spring Boot basics)

Networking & Security: VPC, Load Balancers, Subnets, IAM, RBAC, SSL/TLS, WAF

Databases: RDS, DynamoDB, MySQL, Elastic Cache, SQS

Version Control: Git, GitHub

Operating Systems: Linux (Ubuntu, RHEL), Windows

PROJECTS

- Deployed Spring Boot microservices on Kubernetes with Docker, secured using Azure Application Gateway (SSL, WAF, External DNS), and set up monitoring with Prometheus and Grafana.
 - Built multi-container applications with Docker Compose, integrating MySQL and backend services through multi-stage builds, networking, and persistent volumes.
 - Provisioned AKS clusters using Terraform and automated deployments with Azure DevOps pipelines, implementing manifests for ingress, auto-scaling, and ACR integration.
 - Deployed workloads on AWS EKS with EBS storage and Load Balancers, built CI/CD pipelines using Code Commit, Code Build, and Code Pipeline, and integrated monitoring via CloudWatch.
 - Automated AWS provisioning (VPC, EKS, RDS, DynamoDB) using Terraform, Git-Ops practices via GitHub Actions and Argo CD, and deployed microservices through Helm charts.
 - Designed and deployed end-to-end data pipelines with Azure Data Factory, integrating multiple data sources into Azure Data Lake, with automated ETL for transformation and quality control.
 - Built and optimized scalable data storage using Azure Data Lake Storage, Azure SQL Database, and Azure Monitor for high-performance analytics and reporting.
-

PROFESSIONAL EXPERIENCE

Data Engineer – Amdari

October 2025 – Present

- Built Azure-based ETL pipelines combining Data Factory, Synapse, and Lake Storage services.
- Collaborated with cross-functional teams to ensure data accuracy, reliability, and integration with business requirements.
- Implemented ETL and data transformation workflows to maintain quality and enable analytics.
- Enhanced system performance and scalability through continuous monitoring and process improvements.

Cloud Engineer – Nigsun UK

July 2023 – October 2024

- Built and managed Terraform-based automation for AWS and Azure resources, Kubernetes, and Docker.
- Automated CI/CD pipelines through Jenkins and Azure DevOps, improving release reliability.
- Integrated observability solutions using Cloud Watch, Grafana, and Azure Monitor, optimizing cost and uptime.

Office Assistant – SSA Ltd.

July 2019 – June 2023

- Streamlined operations through process automation and workflow optimization using Lean principles.
 - Partnered with finance teams to analyse key metrics and support data-driven decisions.
 - Maintained effective communication with clients and internal teams using KPI-focused reporting.
-

EDUCATION

- BSc Business & HR Management
Anglia Ruskin University, London
May 2020 – January 2024
-

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)
 - AWS Certified Solutions Architect – Associate
 - HashiCorp Certified: Terraform Associate
-

LANGUAGES

- English – Fluent
 - Urdu – Fluent
-

HOBBIES

- Interior design, creative space planning, and exploring architectural styles for sustainable and modern living.