

# MUEIN

## CLOUD ENGINEER | DEVOPS ENGINEER

Location: New Delhi, Delhi 110086 | Phone: +91 9311789169

Email: muein.officeuse@gmail.com | Portfolio: muein.cloud

LinkedIn: linkedin.com/in/muein-024a62176 | GitHub: github.com/mueinofficeuse-eng

## PROFESSIONAL SUMMARY

Cloud Engineer and DevOps Engineer with 3+ years of experience designing, deploying, and managing scalable, highly available infrastructure on AWS and Azure. Proven expertise in building secure, cost-optimized cloud architectures using Infrastructure as Code (Terraform, CloudFormation). Specialized in cloud automation, serverless computing, microservices architecture, container orchestration, CI/CD pipeline development, and infrastructure monitoring. Demonstrated success in reducing operational costs by 30% and maintaining 99.9% uptime through strategic automation and site reliability engineering practices. Strong track record of migrating on-premises workloads to cloud environments and implementing robust security practices using IAM, VPC, and compliance frameworks.

## CORE TECHNICAL SKILLS

### Cloud Platforms & Architecture

- Amazon Web Services (AWS): EC2, S3, RDS, Lambda, VPC, CloudFormation, CloudWatch, IAM, EBS, Glacier
- Microsoft Azure: Azure Services, Azure DevOps, Azure Architecture
- Multi-cloud Infrastructure Design and Implementation
- Cloud Architecture Design, Migration, and Optimization

### Infrastructure as Code & Automation

- Terraform (Advanced) - Multi-environment provisioning and state management
- AWS CloudFormation - Stack templates and infrastructure automation
- Ansible - Configuration management and infrastructure automation
- Infrastructure Automation and Orchestration

### Containerization & Orchestration

- Docker - Container creation, management, and deployment
- Container Orchestration and Management
- Microservices Architecture Design and Implementation

### Serverless & Compute

- AWS Lambda, API Gateway - Event-driven serverless applications
- Serverless Architecture and Function-as-a-Service (FaaS)
- Linux System Administration (Ubuntu, CentOS, Red Hat)

### DevOps & CI/CD Pipeline Development

- GitHub Actions - Workflow automation and CI/CD pipelines
- Jenkins - Build automation and continuous delivery
- Automated Pipeline Development and Deployment Automation
- Version Control: Git, GitHub, GitLab

### Monitoring, Logging & Site Reliability

- AWS CloudWatch, CloudTrail - Metrics, logs, and audit trails
- ELK Stack (Elasticsearch, Logstash, Kibana) - Centralized logging
- Grafana & Prometheus - Metrics visualization and alerting
- Site Reliability Engineering (SRE) practices and incident management

### Security & Compliance

- AWS IAM, Security Groups, Network ACLs - Access control and security
- VPC Design, Network Security, and Architecture
- AWS KMS - Encryption and key management
- Security Best Practices, Compliance Frameworks, and Auditing

## Storage, Backup & Data Management

- AWS S3, EBS, Glacier - Object and block storage solutions
- Snapshot Management and Backup Automation
- Lifecycle Policies and Cost Optimization

## Scripting & Programming

- Python - Automation, scripting, and infrastructure tools
- Bash & Shell Scripting - System automation and maintenance
- Infrastructure Automation and DevOps Tool Development

# PROFESSIONAL EXPERIENCE

## Senior Associate Engineer

WNS Global Services Pvt Ltd | Gurugram, India | December 2024 -

- Architected and deployed secure, scalable AWS infrastructure using Terraform and CloudFormation for microservices architecture, reducing provisioning time by 45% and enabling rapid environment deployment across development, staging, and production
- Led migration of on-premises workloads to AWS cloud (EC2, RDS, S3) with container orchestration strategies, improving application performance, scalability, and reducing infrastructure costs by 20% through optimized instance selection and reserved capacity planning
- Implemented comprehensive IAM policies, VPC networking architecture, and security groups for multi-tier applications and microservices, ensuring least-privilege access and compliance with security best practices
- Automated daily backup processes using AWS Lambda functions and S3 versioning, implementing lifecycle policies that reduced storage costs by 25% while maintaining disaster recovery capabilities
- Designed and deployed CloudWatch dashboards for full-stack performance monitoring, setting up automated alerts via SNS for proactive incident management following SRE principles and maintaining 99.9% uptime

## Cloud Engineer

Alois Technologies Pvt Ltd (Client: NTT Data) | Gurugram, India | March 2024 - December 2024

- Deployed multi-environment cloud solutions using Infrastructure as Code (CloudFormation and Terraform templates) with container orchestration support, enabling consistent, repeatable deployments and reducing configuration drift
- Optimized AWS resource utilization by implementing S3 intelligent tiering and lifecycle policies, rightsizing EC2 instances for microservices workloads, and leveraging spot instances where appropriate, reducing monthly cloud expenses by 18%
- Integrated CloudTrail and ELK Stack (Elasticsearch, Logstash, Kibana) for centralized logging, auditing, and compliance monitoring across distributed microservices, improving security posture and enabling rapid troubleshooting
- Enhanced application availability and reliability by implementing EC2 Auto Scaling groups with target tracking policies and Application Load Balancers for containerized applications, ensuring high availability across multiple availability zones
- Collaborated with development teams on CI/CD pipeline integrations using GitHub Actions and Jenkins for Docker container deployments, automating build, test, and deployment processes to accelerate software delivery cycles

## Cloud Support Engineer

Daksh Concentrix Pvt Ltd | Gurugram, India | March 2022 - December 2023

- Provided technical support and maintenance for AWS infrastructure including EC2 instances, RDS databases, and S3 storage, consistently achieving 99.9% operational uptime through proactive monitoring and rapid issue resolution
- Automated log monitoring and alerting workflows using CloudWatch Logs, CloudWatch Alarms, and SNS notifications, reducing mean time to detection (MTTD) for critical issues by 60%
- Strengthened application security by implementing and managing IAM roles, security groups, and network ACLs, conducting regular security audits and remediating vulnerabilities
- Developed shell scripts for routine maintenance tasks and data migration automation, improving operational efficiency and reducing manual intervention by 70%

## KEY PROJECTS

### Serverless Face Recognition Attendance System

- Architected serverless microservices-based attendance system using AWS Lambda, S3, Rekognition, DynamoDB, and API Gateway
- Implemented automated facial recognition with 95%+ accuracy using event-driven architecture, reducing manual attendance processing time by 90%

### AWS CI/CD Pipeline for Containerized Microservices

- Built end-to-end CI/CD pipeline for containerized microservices applications using Jenkins, Docker, and AWS services with container orchestration
- Automated testing, staging, and production deployments for Docker containers, reducing deployment time from hours to minutes

### DevOps Automation & Infrastructure Monitoring Dashboard

- Developed centralized monitoring dashboard using Python, Grafana, and Prometheus tracking 20+ servers with real-time metrics
- Automated server provisioning with Ansible playbooks for infrastructure automation, reducing setup time by 80% and ensuring configuration consistency

## EDUCATION

**Bachelor of Business Economics** | CGPA: 6.84

Shivaji College, University of Delhi | New Delhi, India | Graduated July 2021

## CERTIFICATIONS & TRAINING

- **AWS Certified Solutions Architect - Associate (In Progress)**
- Certificate in Data Analytics (2023)
- Diploma in Computer Application (2017)

## KEY ACHIEVEMENTS

- Reduced operational costs by 30% through strategic implementation of cloud tagging, lifecycle policies, and resource optimization
- Maintained 99.9% system uptime across multiple production environments through proactive monitoring, automation, and SRE practices
- Successfully implemented microservices architecture and container orchestration strategies, improving application scalability and deployment efficiency
- Two-time silver medalist in intercollege volleyball competitions.