

OMER MUDATHIR TAHA SAYED AHMED

Cloud Solutions Architect – Cloud Platforms & Kubernetes

Riyadh, Saudi Arabia

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Transferable Iqama | Available Immediately | Member, Saudi Council of Engineers (SCE)

PROFESSIONAL SUMMARY

Certified Cloud Solutions Architect with 3+ years of hands-on architecture experience and an Electrical Engineering foundation. AWS Solutions Architect – Professional and CKAD certified. Brings deep expertise in cloud architecture, Kubernetes and serverless platforms, infrastructure automation, and deployment reliability. Adept at translating business and non-functional requirements into resilient, secure, and highly available architectures aligned with enterprise and availability standards. Regularly performs architectural trade-off analysis across cost, security, availability, and operational complexity.

TECHNICAL SKILLS & CORE COMPETENCIES

- Programming & Scripting:** Python, YAML, JSON.
- Cloud Infrastructure:** VPC, Elastic Compute (VMs), Object Storage, Managed Databases, DNS.
- Modern Platforms:** Managed Kubernetes, Serverless Computing (FaaS), API Management, Event-Driven Architecture.
- Automation (IaC):** Terraform, CloudFormation, Ansible, CI/CD Pipelines.
- Networking & Delivery:** CDN, Load Balancing, Global Traffic Management, DNS Configuration.
- Security & Governance:** Security-by-Design, IAM, Encryption-at-Rest/Transit, Secrets Management.
- Operations:** CloudWatch, Grafana, Operational Runbooks, Disaster Recovery Planning.

PROFESSIONAL EXPERIENCE

Cloud Infrastructure Engineer

Najmat Al-Khaleej IT Services / Saudi Arabia | Jun 2024 – Feb 2025

- Designed and implemented highly available multi-zone application platforms with automated scaling
- Developed Infrastructure as Code solutions using Terraform for AWS and Azure environments
- Created Python automation tools for cloud resource management and cost optimization
- Implemented monitoring solutions using CloudWatch, and Grafana dashboards
- Achieved 99.8% uptime and 25% cost reduction through strategic IaC deployments

CLOUD SOLUTIONS ARCHITECT (Independent / Project-Based)

SELECTED ARCHITECTURAL PROJECTS

Serverless Chatbot Platform / Feb 2024

Architected and deployed a comprehensive AI chatbot using Amazon Lex, AWS Lambda, API Gateway, and DynamoDB. Implemented natural language processing, session management, and RESTful API endpoints. Created full-stack solution with responsive frontend integration

Serverless Document Converter / Feb 2024

Designed a serverless document conversion application using AWS services. Implemented S3 for storage, Lambda for processing logic, and API Gateway for RESTful endpoints. Built complete IAM security policies and developed a premium HTML/CSS frontend dashboard.

Cost Calculator Dashboard / August 2025

Built a serverless AWS Cost Calculator with real-time budget alerts. Architected using DynamoDB for data persistence, SNS for notifications, Lambda for business logic, and API Gateway for API exposure. Developed responsive frontend dashboard with cost visualization.

Event-Driven Task Queue System / Jan 2026

Designed Infrastructure as Code (Terraform) for an event-driven task processing system. Implemented SQS for queuing, SNS for notifications, EventBridge for scheduling, DynamoDB for state management, and Lambda for processing. Built complete producer/consumer architecture with dead-letter queues.

EDUCATION

Bachelor of Science in Electrical Engineering

Sudan University of Science and Technology | Graduated 2022

CERTIFICATIONS

- AWS Certified Solutions Architect – Professional
- Certified Kubernetes Application Developer (CKAD)
- AWS Certified Developer – Associate
- AWS Certified Solutions Architect – Associate

LANGUAGES

Arabic: Native | **English:** Advanced (Professional Working Proficiency)

PORTFOLIO

GitHub: <https://github.com/omer-taha-ahmed>

Website: <https://omer-taha-ahmed.github.io/portfolio/>

- IaC templates (Terraform), Kubernetes deployment frameworks
- Python automation tools and cloud management scripts
- System architecture documentation and diagrams