Nawaf Al-Omar
Cloud & DevOps Engineer

Email : nwafdes@gmail.com
GitHub: nwafdes
LinkedIn: alshehri-nawaf
Riyadh, Saudi Arabia

A results-oriented Cloud and DevOps Engineer with certified expertise in AWS architecture and a proven ability to enhance system reliability and efficiency through automation. Hands-on experience architecting and deploying scalable infrastructure using Terraform, building robust CI/CD pipelines, and developing applications with modern AI/ML frameworks like LangChain and Hugging Face. Adept at scripting in Python and PowerShell to automate complex operational tasks, reducing manual effort and improving security posture.

Technical Skills

- **Cloud Platforms:** AWS, GCP
- **AI / MLOps:** LangChain, Hugging Face, FAISS, Retrieval-Augmented Generation (RAG)
- I**nfrastructure as Code (IaC):** Terraform
- **CI/CD:** GitHub Actions, Cloud Build
- **Containers & Orchestration:** Docker, Kubernetes, AWS ECS&EKS
- **Scripting & Automation:** Python, PowerShell
- **Security:** Identity & Access Management (IAM), Security Policy Implementation, Security Audit, (CompTIA Security+)
- **Networking:** TCP/IP, DNS, HTTP/S, Load Balancing, Fortigate Firewalls, AWS WAF (CCNA)

Cloud & DevOps Projects

Cloud Resume Challenge | Serverless Web Applications (AWS & GCP)

- Projects Links:
  - **AWS**: aws.sahabanet.com
  - **GCP:** gcp.sahabanet.com
- Designed and deployed fully serverless, highly available resume websites on AWS and GCP, achieving scalable and cost-efficient solutions with zero server management.
- Infrastructure as Code (IaC): Implemented declarative provisioning with Terraform, ensuring version-controlled, repeatable deployments across services (AWS: S3, CloudFront, Lambda, API Gateway, DynamoDB; GCP: Buckets, Global Load Balancer, Cloud Functions, Firestore).
- CI/CD Pipelines: Automated testing and deployment using GitHub Actions (AWS) and Cloud Build (GCP), triggered on every push to the main branch for both frontend and backend.
- Backend Development: Built Python-based serverless functions to power a visitor counter integrated with DynamoDB (AWS) and Firestore (GCP).

Professional Experience

3i Holding Company – Riyadh, Saudi Arabia | IT Specialist   **(**July 2025 – Present)

- Currently assessing the IT environment to develop a cybersecurity plan focusing on security awareness, network segmentation, and firewall hardening (FortiGate).
- Responsible for day-to-day IT support and identifying areas for security and infrastructure improvements.
- Preparing to implement initiatives in network security, endpoint protection, and employee awareness training.

E& Enterprise – Riyadh, Saudi Arabia | IT Specialist   **(**May 2024 – June 2025)

- Automated key operational tasks and user lifecycle management in Microsoft 365 and Active Directory using PowerShell, reducing manual administration time by an estimated 1 hour per week.
- Engineered and enforced enterprise-wide security policies and custom detection rules, strengthening the organization's security posture and reducing vulnerability exposure by an estimated 50%.
- Administered and secured Active Directory environments, implementing robust access control, GPOs, and auditing configurations to ensure compliance and mitigate unauthorized access risks.

Certifications

- AWS Certified Solutions Architect – Associate
- CompTIA Security+
- Cisco Certified Network Associate (CCNA)
- Junior Penetration Tester

Education

Bachelor's Degree in Applied Network Systems Engineering   College of Telecom & Electronics | Graduated July 2023