Osaretin David Ewansiha

Maryland 21043 | 667-280-0078 | osaewan23@gmail.com | https://www.linkedin.com/in/david-ewansiha/

SUMMARY

A highly motivated Cloud Engineer with a Bachelor of Science in Information Technology, specializing in Cloud Computing. Possesses a strong foundation in architecting and deploying cloud environments on Azure and AWS, with expertise in Infrastructure as Code, CI/CD, and network security. Proven ability to optimize cloud resources, automate processes, and ensure secure access management. Eager to leverage technical skills and drive innovation in cloud-based solutions.

EXPERIENCE

Cloud Engineer | NecX Inc.   Nov 2025 – Current

- Production Environment Architecture: Currently architecting a high-scale production environment using Azure Bicep (IaC), transitioning the company from manual/CLI deployments to a fully automated, reproducible infrastructure-as-code model.Zero--Trust
- Network Engineering: Designed a secure network backbone utilizing Private Endpoints and NSGs to enforce private service-to-service connectivity, effectively eliminating 100% of public internet exposure for core databases and applications.
- Secure Access Management: Engineered a Point-to-Site VPN integrated with Entra ID authentication, providing developers secure, encrypted access to isolated subnets without compromising network perimeters.
- Hybrid DNS & Connectivity: Implemented a custom DNS forwarding solution using Nginx and DNSMasq, solving complex private endpoint resolution issues and improving cross-environment connectivity reliability.
- Operational Cost Optimization: Led a cost-reduction initiative by migrating DNS services from containerized instances to right-sized VMs, reducing compute spend while maintaining 99.9% service availability

Cloud Engineering Intern | NecX Inc.   July 2025 – Oct 2025

- Staging Environment Deployment: Provisioned multi-tier environments using Azure Container Apps and PostgreSQL, providing a stable validation platform for 3+ microservices.
- CI/CD Automation: Developed and maintained GitHub Actions pipelines, reducing deployment cycle times by 50% and ensuring consistent delivery across staging branches.
- Security Hardening: Conducted initial migration of credentials from insecure .env files to Azure Key Vault, establishing the foundation for the company's secret management policy

Time & Product Manager | Dreamers Mothers In Action (DMIA)   August 2024 – May 2025

- Collaborated with team of 6 & nonprofit sponsor to gather and document technical requirements for digitizing & automating event management outreach & reporting workflows.
- Designed and implemented integrated solutions using Eventbrite, Sender, Zapier, and Google Business tools, reducing manual promotion time by 60-70% and saving 10-15 hours per event.
- Facilitated technical requirements gathering sessions with stakeholders to document functional specifications and translate business needs into scalable digital solutions.
- Developed automated reporting dashboards and multilingual event pages, enabling real--time analytics and data-driven decision-making.

EDUCATION

George Mason University | Fairfax, VA   May 2025
Bachelor of Science | Information Technology

PROJECTS

Crex: Manga Translation Pipeline (Node.js + GCP OCR + AI + AWS)

- Architected an asynchronous, serverless pipeline using S3 event triggers and AWS Lambda to automate high--throughput image processing and multi-stage AI translation.
- Developed modular microservices for OCR and LLM-based translation, implementing custom error--handling and retry logic to ensure data integrity across API boundaries.
- Engineered CI/CD and IaC workflows using AWS SAM and GitHub Actions, ensuring reproducible environments and fully automated deployments.
- Optimized observability and persistence by implementing structured CloudWatch logging and a DynamoDB NoSQL schema for low-latency metadata retrieval and system traceability.

Cloud Resume Challenge (AWS + CI/CD + Serverless)

- Building a cloud-native portfolio site with a serverless backend using AWS services: S3 (hosting), API Gateway, Lambda (backend), and DynamoDB (data)
- Implemented CI/CD using GitHub Actions to automate builds and deployments
- Designed backend with secure API endpoints and scalable infrastructure as code (CloudFormation or Bicep planned)
- Focused on demonstrating real-world cloud skills across deployment, automation, access control, and clean DevOps workflows

HONORS & AWARDS

- Dean's list, Spring 2022 – Spring 2025

SKILLS

- Programming Languages: Python, JavaScript, Node.js, C++, SQL, Java, PowerShell, Bash, Shell.
- Cloud Platforms: Azure (Container Apps, PostgreSQL, Key Vault, Entra ID, Log Analytics, Monitor), AWS (EC2, Lambda, S3, RDS, DynamoDB, VPC, IAM, CloudWatch, SQS, API Gateway).

- DevOps & Automation: Infrastructure as Code (Azure Bicep, AWS SAM), CI/ CD (GitHub Actions, Azure Pipelines), Docker, Git/ Github.
- Networking & Security: Virtual Networks (VNets), Subnet Segmentation, NSGs, Private Endpoints, VPN Gateways, DNS Forwarding, RBAC, MFA, PKI.
- Systems & Tools: Linux (Ubuntu, Kali), Windows, macOS, Unix, Postman, MySQL, Jira, Excel, Google Sheets, Microsoft 365.
- Certifications: AWS Certified Solutions Architect – Associate, AWS Certified Cloud Practitioner, Google Cloud AI Foundations, CompTIA Network+ (In Progress).