OYELEKE ISMAIL OLANREWAJU

Lagos, Nigeria | + (234) 9038666601| **Email:** Ismailoyeleke2003@gmail.com
Github: https://github.com/ISMAIL-OYELEKE | **LinkedIn:** https://www.linkedin.com/in/ismail-oyeleke-6930b6317/
Portfolio: https://ismailoyeleke.com

PROFESSIONAL SUMMARY

Dynamic and results-driven Cloud Engineer specializing in designing secure, high-availability AWS infrastructures. Proven ability to architect, deploy, and manage scalable cloud solutions using industry best practices. Proficient in AWS core services, infrastructure automation, and integrating .NET applications with cloud environments. An AWS Certified Solutions Architect eager to leverage cloud technologies to build resilient, cost-effective systems and drive operational excellence.

TECHNICAL SKILLS

- **Cloud:** AWS (IAM, VPC, EC2, S3, RDS, Lambda, CloudFront, Route 53), Serverless Computing, High Availability (HA) & Fault-Tolerant Architecture.
- **C# / .NET STACK:** C#, ASP.NET Core, RESTful API design, Entity Framework Core, JWT authentication
- **Databases:** MSSQL, MySQL, PostgreSQL
- **DevOps & Tools:** Terraform, Docker, Git/GitHub, CI/CD, Postman, Linux (Bash)
- **Machine Learning:** Python, TensorFlow, Keras, NumPy, Pandas, Scikit-learn, Jupyter Notebook
- **Other Languages:** HTML, CSS, JAVASCRIPT

PROFESSIONAL / INDUSTRY EXPERIENCE

KGE Technologies Pvt Ltd, *Chennai, India – Remote*   July 2025 – Dec 2025
C# .NET DEVELOPER
- Develop and maintain backend functionality in ASP.NET Core, building RESTful APIs for web applications.
- Use Entity Framework Core for database access, implementing CRUD operations.
- Design and implement secure authentication and authorization using JWT.
- Collaborate with Agile team using Git for versioning and sprint-based workflows.
- Practice clean code principles and API design under real-world software engineering processes.
- **Key skills used:** C#, ASP.NET Core, RESTful APIs, Entity Framework Core, SQL, LINQ, JWT Authentication, Git, Agile Development, Software Engineering Best Practices.

Federal Airport Authority of Nigeria (FAAN), *Lagos, Nigeria - Onsite*   Sept 2023 - Feb 2024
IT Support, Intern
- Provided technical support and maintenance for hardware and network infrastructure.
- Ensured seamless IT operations and minimal downtime across FAAN systems.
- Assisted in troubleshooting and configuration of IT systems to optimize performance.
- **Key skills used:** Hardware & Network Troubleshooting, System Configuration, Technical Support, IT Infrastructure Maintenance, Windows/Linux Systems, Networking (LAN/WAN), Problem-Solving, Team Collaboration

TECHNICAL PROJECTS

Serverless AI Recruiter Assistant | Amazon Lex, AWS Lambda, Python, IAM   Feb 2026 – Feb 2026
- **Architected a Serverless Solution:** Built an event-driven chatbot using Amazon Lex for Natural Language Understanding (NLU) and AWS Lambda for serverless compute, ensuring zero idle costs.
- **Automated Engagement:** Designed Python scripts to handle dynamic user queries, providing instant, 24/7 access to resume details and technical highlights for visiting recruiters.
- **Security & Monitoring:** Enforced least-privilege security principles using granular AWS IAM policies and utilized CloudWatch logs for real-time debugging and error tracking.
- **Performance Optimization:** Improved bot intelligence by fine-tuning intent slots and NLU confidence thresholds to 0.70 (70%), ensuring the bot only triggers intent fulfillment when highly certain of user request accuracy.

Enterprise Multi-Tier Web Application Deployment | Amazon VPC, EC2, RDS, ALB, ASG, Secrets Manager   Jan 2026 – Jan 2026
- Designed and deployed a highly available 3-tier web architecture across multiple Availability Zones using a custom Amazon VPC.
- Improved application resilience and scalability by routing traffic through an ALB and maintaining auto-healing EC2 instances via an Auto Scaling Group.
- Secured backend services by isolating web and database tiers in private subnets and enforcing least-privilege security group chaining.
- Eliminated hardcoded secrets by integrating Amazon RDS with AWS Secrets Manager for encrypted credential management.
- Automated application provisioning by using EC2 User Data scripts to deploy a LAMP stack and WordPress.

Serverless Cloud Infrastructure (Portfolio) | AWS S3, CloudFront, Route 53, ACM   Dec 2025 – Dec 2025
- Designed and deployed my personal professional portfolio website using a secure, serverless architecture on AWS.
- Hosted static website assets on Amazon S3, utilizing fine-grained bucket policies to restrict access and ensure security.
- Implemented Amazon CloudFront (CDN) to cache content globally, reducing latency and improving page load speeds for users.
- Secured data in transit by provisioning SSL/TLS certificates via AWS Certificate Manager (ACM) and configured custom DNS routing using Route 53.

Scalable CMS Deployment | AWS LightSail, Linux, Bash, Bitnami   Dec 2025 – Dec 2025
- Deployed a fault-tolerant WordPress blog on a Linux Virtual Private Server (VPS) using AWS LightSail.
- Hardened instance security by configuring static IPs and installing Let's Encrypt SSL certificates via the SSH terminal.
- Automated disaster recovery protocols by implementing daily snapshot policies to ensure data durability.
- Managed the underlying Linux infrastructure to optimize the Bitnami WordPress stack for production traffic.

Highly Available 3-Tier Web Architecture | AWS EC2, RDS, ALB, ASG, Secrets Manager   **Oct 2025 – Oct 2025**

- Re-architected a legacy PHP/MySQL application into a secure, fault-tolerant 3-tier solution following AWS well-architected best practices.
- Provisioned a managed MySQL RDS instance in isolated database subnets and secured credentials using AWS Secrets Manager to eliminate hardcoded secrets.
- Deployed an Application Load Balancer (ALB) as the public entry point, directing traffic to private EC2 instances within an Auto Scaling Group (ASG) for dynamic scalability.
- Utilized AWS Systems Manager (SSM) Session Manager to securely connect to private instances and execute SQL data migrations, resolving critical missing dependency errors without SSH keys.
- Configured Target Tracking scaling policies to automatically adjust compute capacity based on CPU demand, ensuring cost optimization and performance.

EDUCATION

Kwara State University (KWASU), Malete, Kwara State, Nigeria.
Bachelor of Science in Computer Science   **Sept 2020 - Sept 2024**
CGPA: 3.85 / 4.00 [First Class (Honors)]

CERTIFICATIONS

- **Amazon Web Services Certified Solutions Architect Associate (AWS SAA-C03)**   **2025**
  (Amazon).   *Click to View*

- **Amazon Web Services Certified Cloud Practitioner (AWS CLF-C02)**   **2025**
  (Amazon).   *Click to View*

- **AVIATRIX Multi-Cloud Network Associate**   **2025**
  (Aviatrix).   *Click to View*

- **ALX Cloud Practitioner**   **2025**
  (ALX Africa).   *Click to View*

- **Machine Learning Specialization - Supervised Machine Learning: Regression and Classification**   **2025**
  (Andrew Ng., DeepLearning AI, Stanford University, Coursera).   *Click to View*

- **Advanced Learning Algorithms**   **2025**
  (Andrew Ng., DeepLearning AI, Stanford University, Coursera).   *Click to View*

- **Unsupervised Learning, Recommenders, Reinforcement Learning**   **In Progress**
  (Andrew Ng., DeepLearning AI, Stanford University, Coursera).

- **ALX Professional Foundation**   **2025**
  (ALX Africa).   *Click to View*

LEADERSHIP & COMMUNITY EXPERIENCE

Founder & Community Lead | *CloudUp Community (WhatsApp)*   **Oct 2025 - Present**
- Founded and cultivated a collaborative tech community focused on AWS cloud education, facilitating peer-to-peer learning, content visibility amplification, and exam preparation.
- Architected a four-pillar community structure: Announcements, AWS Study Circle, Engage & Amplify, and Resources & Toolkit, to streamline communication and maximize member growth.

Team Lead & Project Manager | *Hypertension Digital Health Project, ALX Africa Professional Foundation Course*   **Apr 2025 - May 2025**
- Led a multidisciplinary team in developing a mobile health solution to address hypertension in Nigeria, integrating AI, telemedicine, and digital health innovation.
- Coordinated research, managed project timelines, and oversaw system wireframing.

Peer Tutor and Mentor | *Kwara State University, Kwara, Nigeria*   **Sept 2022 - Sept 2024**
- Supported peers and junior colleagues in mastering core computer science concepts through tutoring, mentorship, and personalized guidance.
- Improved academic outcomes for mentees, with several achieving top grades in core computing courses.
- Built a reputation as a reliable mentor, fostering an inclusive and collaborative learning environment

Student Representative Council (SRC) | *Department of Computer Science, Kwara State University*   **Nov 2021 - Aug 2022**
- Served as elected student representative, acting as a liaison between faculty and students to advocate for academic and welfare concerns.
- Represented the interests of Computer Science students in departmental meetings and decision-making processes.
- Built leadership and negotiation skills while fostering a collaborative academic environment.

MEMBERSHIPS

- AWS COMMUNITY BUILDER (**AWS CB**)

- AWS Nigeria User group (**ANUG**)

- Nigerian Association of Computer Science Students (**NACOS).**

- Google Developers Student Council (**GDSC**) – KWASU CHAPTER