Ayonete Icha

INFORMATION TECHNOLOGY | CLOUD & DEVOPS GRADUATE

LinkedIn | Projects | Writing Samples

PROFESSIONAL PROFILE

- Cloud Developer and IT professional with expertise in web platform administration, technical documentation and cloud development
- Skilled in system administration, cloud platform management, and translating business requirements into technical solutions.
- Experienced in Azure DevOps workflows, security compliance, and delivering web enhancements through cross-functional collaboration.
- Currently running a DevOps education blog

EDUCATION

National College of Ireland, Dublin, IR — *MSc Cloud Computing*
SEPTEMBER 2023 - SEPTEMBER 2024

- **Modules:** Cloud Architecture, DevOpsSec, MLOps, Cloud Platform Programming.
- **Research Project:** Adaptive Model Selection for Energy Efficient Generative AI Applications

Pan-Atlantic University, Lagos, NG — *BSc Information Science and Media Studies*
OCTOBER 2018 - JULY 2022

- **Modules:** Data Science, Statistics, Programming, Enterprise Resource Planning, Game Design
- **Grade:** First Class (1:1).

EXPERIENCE

Ironhack (Contract), Dublin, IR — Cloud & DevOps Teaching Assistant
AUGUST 2025 - OCTOBER 2025

- Supported delivery of DevOps & Cloud curriculum, building students' expertise in Linux administration, Git/GitHub, CI/CD, Docker, Kubernetes, Terraform, and Azure.
- Provided technical support and troubleshooting for Linux, scripting, cloud provisioning, and configuration issues.
- Improved learning outcomes by tracking progress, identifying gaps, and resolving lab environment errors.
- Guided hands-on projects deploying three-tier applications manually and via Infrastructure as Code.

National College of Ireland, Dublin, IR —Cloud and DevOps
SEPTEMBER 2023 - SEPTEMBER 2024
Academic project work with production-grade tools and pipelines

- Designed and implemented a cloud-based application using AWS Lambda, API Gateway, DynamoDB, S3, SNS, Python, and Django to help users monitor and reduce carbon impact.
- Secured deployments and enhanced threat detection by blocking 100% of insecure builds automatically with Pylint, SonarQube, CodePipeline using CI/CD principles.
- Strengthened cloud security by configuring role-based access with AWS IAM/Service Control Policies complying with general ITGC and ISO 27001 best practices
- Implemented real-time monitoring and alerts (SNS, CloudWatch), improving availability by 40%.
- Created extensive technical documentation e.g API reference materials and deployment guides
- Performed troubleshooting and resolution of serverless deployment issues (AWS Lambda, API Gateway)

UGUM (Saas Startup), Lagos, NG – Junior Frontend Developer
AUGUST 2021 - MAY 2022

- Designed and implemented dynamic front-end components in ReactTS, enhancing user experience and reducing page load times by 15%.
- Conducted rigorous API and application endpoint testing, improving system reliability and reducing production bugs by 30%
- Created detailed application documentation, streamlining onboarding for new developers and reducing project ramp-up time by 20%

CONTACT

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RELEVANT SKILLS

- Cloud Computing (2 years)

    AWS (Certified), Azure, GCP(Basic), CI/CD, DevSecOps, Docker, SonarQube, Terraform, IaC, IAM, compliance monitoring, threat detection, vulnerability scanning, auditing logs, ISO 27001

- System Administration (1 year)

    Windows Server, Linux (admin and scripting), Powershell, Bash Scripting, Azure CLI, REST API, Active Directory

- Web Development (3+ years)

    Python, Django, SQL, YAML, ReactJS/TS, NodeJs, Git, GitHub, Game Design (Unity, C#), UI/UX, Figma

    AI Familiarity (Claude Code, Cursor, Lovable)

CERTIFICATIONS

AWS Cloud Practitioner, January 2025
Ubuntu Linux Professional, October 2025

LANGUAGES

English - Native.
French - Beginner.

PROJECTS AND KEY ACHIEVEMENTS

Sustainable Cloud Technology

- Developed several cloud-based projects aligned with the UN Sustainable Development Goals, including a carbon emissions tracker, an automated greenhouse monitor, and an energy-efficient generative AI application.

Leadership

- Served as the president of the Pan-Atlantic University Art Club (2020-2022)
- Served as the Student Activities Officer at Pan-Atlantic University, organizing cross-departmental events and initiatives.