

EMMANUEL KELECHI OKORORIE

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PERSONAL PROFILE

A first-class economics graduate with keen interest in Cloud Computing. I have great passion for Cloud Computing and its importance in helping businesses benefit from economies of scale, increased speed and agility, reduced costs in maintaining data centers and a global audience. I am keen on learning about Cloud Computing because I believe that it has an invaluable role to play as regards the future of work. I aspire to be at the forefront of the Cloud Computing revolution, shaping a more connected and prosperous future for all.

EDUCATION

CIL Academy – Cloud Engineering Track

Feb. 2023 - Nov 2023

A training organization focused on building technical capability

MODULES: Amazon Web Services (AWS), Serverless Development, Terraform

University of Nigeria, Nsukka (UNN) – B.Sc., Economics

Nov. 2017 – Nov. 2022

Top 7 Universities in Nigeria by Financial Times, 2023

Class Rank: 11 of 256 - First Class Honors; CGPA: **4.51/5.00**

Thesis: *The Impact of Climate Change, Institutional Quality and Agricultural Productivity in Nigeria.*

- Emerged **top 5%** at the department of Economics and faculty of Social Sciences.
- **Scholar**, Nigeria Higher Education Foundation.
- Emerged **top scorers (scored 85%)** in Intermediate Microeconomics II (ECO 302) in senior year.

RESEARCH INTERESTS

- Cloud Computing, Serverless, Microservices, and Distributed Systems

WORK EXPERIENCE

Cecure Intelligence Limited (CIL) - Cloud Engineer

Oct 2023 – present

- Prevent configuration drifts by solely relying on Infrastructure as Code (IAC), which helps in producing reusable environments
- Create Terraform modules to manage configuration builds for multiple applications and deploy releases to Amazon Web Services (AWS)
- Played a key role in automating the creation of pipelines using AWS CloudFormation templates and Python scripting to streamline and enhance the deployment processes.
- Utilize AWS services, such as CloudFormation, CodeCommit, CodeBuild, and CodePipeline to orchestrate pipeline creation process
- Actively participate in troubleshooting existing pipelines, contributing to a more reliable and scalable development environment

EduBridge - Investment Banking Track

Jul 2020 – Sep 2020

- Engaged in Macroeconomics analysis involving the Nigerian Stock Exchange, fixed income, commodities and local/global economy
- Worked with a group of 2 persons to research and deliver a PowerPoint presentation on a growth plan for Air Peace Nigeria in the midst of the pandemic

LEADERSHIP EXPERIENCE

Digital School, Policy Analysis and Research Group (PARG), UNN - Leader

Sep 2021 - Dec 2022

- Promoted the integration of technology into the organization with the moral imperative of improving learning of the school members
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- Provided end-to-end mentorship to members applying to 20+ local and global opportunities.

Economics Press Association (ECOPRESS), UNN - Project Manager

Apr 2021 - Jun 2021

- Spearheaded the execution of a project in the Political and International Relations Desk which recorded a score of 75.9%
- Coordinated a team of 12 persons to make a radio presentation on Lion FM (the school radio station) and carried out a Vox-Pop interview

PROFESSIONAL CERTIFICATIONS/DEVELOPMENT

AWS Certified Developer Associate (DVA) - Certification	Apr 2024
<i>AWS DVA validates expertise in developing, testing, deploying, and debugging AWS cloud-based applications.</i>	
AWS Certified Solutions Architect Associate (SAA) - Certification	Aug 2023
<i>AWS SAA validates expertise in designing and deploying scalable solutions on AWS Cloud.</i>	
AWS Certified Cloud Practitioner (CCP) - Certification	May 2023
<i>AWS CCP certifies fundamental knowledge of the AWS cloud, a stepping stone for further specialization.</i>	
Computer Science Academy Africa (CSAA) – Participant	Aug 2022
<i>A three-week Python programming workshop held at the NITDA IT hub at the University of Lagos, Nigeria.</i>	
Google Data Analytics - Certification	May 2022
<i>Designed to teach essential data analysis skills, including data collection, cleaning and visualization.</i>	

VOLUNTEERING

Success Tonics Blog - Publisher/volunteer	May 2021 - Present
<ul style="list-style-type: none"> Collaborate with a dedicated team, including a respected lecturer, to source and curate opportunities for students and recent graduates Actively contribute to the mission of bridging the gap between education and real-world opportunities, enhancing the professional growth of the readers 	
WeCan Initiative - Assistant Department Coordinator	Mar 2022 - Nov 2022
<ul style="list-style-type: none"> Coordinated with 6 students on implementing a social initiative to aid undergraduate student mothers Provided academic assistance and tutorials for students in the department of Economics 	
Project Kawefunmi - Student Volunteer	Sep 2020 – Dec 2020
<ul style="list-style-type: none"> Participated in an E-learning project that helped to improve the basic literacy skills of 1000 kids in Lagos, Nigeria Communicated regularly with parents and guardians to ensure the project's alignment with needs and priorities 	

PROJECTS

AWS S3 Static Website Hosting using Terraform
<ul style="list-style-type: none"> Utilized Terraform to automate the provisioning of an S3 bucket for storing website files, configured the S3 bucket for static website hosting and enabled public read access.
Three-tier Web Application
<ul style="list-style-type: none"> Designed and developed a robust 3-tier application on AWS, leveraging a range of AWS services (Amazon EC2, ALB, VPC and RDS) to ensure scalability, security and high availability

SKILLS

- SQL; Docker; Linux; Amazon Web Services (AWS); CI/CD; Terraform; Python; GitHub Actions (beginner); Microsoft Office (Word, Excel, PowerPoint)

AWARDS AND HONORS

• Best Documentary Presenter, Economics Press Association	Dec. 2022
• Participant, Computer Science Academy Africa (CSAA)	Aug. 2022
• Scholar, Nigeria Higher Education Foundation (NHEF)	Jul. 2021
• Social Media Personality, Student Personal Development Hub (SPDH)	Dec. 2020
• Participant, Career Impact and Business Intelligence (CIBI)	Mar 2019