

# Uchechukwu Cos-Ibe

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## PROFESSIONAL EXPERIENCE

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**Imbod**, Cloud Engineer, May 2022 – Present

**Lagos, Nigeria**

- Automated the deployment of cloud infrastructure using Terraform to provision VMs, storage buckets, networking components, and managed services such as Cloud SQL.
- Created infrastructure as code templates for easy reproduction and version control, reducing deployment time by 70% and increasing infrastructure reliability by 50%.
- Developed and maintained CI/CD pipelines for deploying the frontend of the company's e-commerce web application on Cloud Run using GitHub, Container Registry, and Cloud Build.
- Configured the pipelines to automatically trigger tests, build, and deploy the frontend code to production when changes are made to the code repository, resulting in reduction in deployment errors.
- Built scalable and fault-tolerant systems on Google Cloud Platform using technologies such as Compute Engine, Cloud Storage, and Cloud SQL, resulting in increase in system performance during high traffic periods.
- Implemented security best practices to ensure data confidentiality, integrity, and availability on GCP. Configured VPCs, firewalls, and IAM policies to limit access to resources and data, resulting in zero data breaches or incidents.

**First Bank Nigeria**, Database administrator, April 2021 – May 2022

**Lagos, Nigeria**

- Proficiency in implementing database encryption techniques to safeguard data at rest and in transit.
- Wrote and executed SQL queries to retrieve and filter large datasets from a database with millions of records, reducing query response times by 30%.
- Collaborated with cross-functional teams to identify business needs, design data-driven projects, and provide data-driven insights that helped drive product development and business strategy.

**The Sparks Foundation**, Data Science & Business Analytics, September 2020 – April 2021

**Remote, Singapore**

- Developed interactive visualizations and dashboards using Tableau to display key metrics and trends in customer behavior, product usage, and marketing campaigns, enabling the company to make data-driven decisions and optimize business performance.
- Conducted data analysis using Excel to transform datasets, including customer demographics, purchase history, and website traffic, providing insights to support business strategy and product development.
- Presented data-driven insights and recommendations to senior management and stakeholders, such as identifying opportunities for revenue growth and cost optimization, which informed business strategy and decision-making.

## SKIL

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- Python • SQL • Google Cloud Platform (GCP) • Amazon Web Services (AWS) • Microsoft Azure • Linux
- Docker • Kubernetes • Jenkins • GitLab • CI/CD • Terraform • Automation and Scripting (bash) • Ansible
- Monitoring and Logging with Prometheus

## EDUCATION

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**Federal University of Technology Owerri**, September 2016 – May 2021

**Imo, Nigeria**

Bachelor of Technology in Computer Science

## CERTIFICATES

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- **Google Cloud Certified Professional Data Engineer** | [Verify Here](#)
- **Google Cloud Certified Associate Cloud Engineer** | [Verify Here](#)

## PROJECTS

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**Inquiry Chatbot**, January 2022

- Designed and developed an inquiry Chatbot for new and prospective students at The Federal University of Technology Owerri to answer question regarding admission process, directions to the school and general knowledge of the school. [Click Here](#) to interact with the Chatbot.