

# CHUKWUMA MAXWELL

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Python Developer | Web Development | Data Science & Machine Learning

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Location: Open to Relocation

## Objective

IT Professional skilled in Python development, data analysis, and web applications, with exposure to cloud platforms (Azure, Google Cloud, and basic AWS). Experienced in building scalable web apps, data-driven systems, and integrating machine learning models. Seeking a role as a Python Developer or Data Engineer in Canada to apply technical expertise and further develop cloud deployment skills.

## Skills

Programming: Python (Pandas, NumPy, Matplotlib, Seaborn), Java, JavaScript, SQL (MySQL)

Web Development: React, HTML5, CSS3, Redux, Flask, Django

Data Analysis & Visualization: Tableau, Google Colab, data wrangling & EDA

Cloud Exposure: Azure, Google Cloud (certified), basic AWS (deployment exposure)

Tools: Git/GitHub, VS Code, PyCharm, Eclipse, Docker (basic)

Soft Skills: Problem-solving, Communication, Analytical Thinking, Attention to Detail

## Professional Experience

Software Engineer / IT Instructor | Aptech Computer Education | 2024–Present

- Trained students on Python, data analysis, and software engineering concepts.
- Facilitated coding exercises and data projects using Pandas, Matplotlib, and SQL.
- Provided technical support and resolved software/hardware issues.

Software Engineer | Fabulous (Remote) | 07/2022–02/2023

- Designed, coded, and maintained software applications using Python.
- Optimized cloud-based apps using Azure; exposure to AWS for scalable solutions.
- Analyzed performance metrics and implemented cost-saving improvements.

Web Developer (React) | EkoseRx | 2022–2023

- Built responsive web applications with React, integrating APIs for data-driven features.
- Applied Redux for efficient state management.
- Collaborated with backend team to optimize Python APIs.

IT Developer | New Horizons | 2022–2023

- Developed software with focus on user experience and backend functionality.
- Integrated MySQL databases with Python scripts for automated reporting and analytics.

## Projects

### Full Stack School Website

- Developed a responsive school management system using React, Django, and MySQL with user authentication and admin dashboards.

### Price Prediction App

- Built a real estate price prediction app using Streamlit and Python's scikit-learn library for real-time model deployment.

### USSD Telecom Project

- Developed Python backend with MySQL for real-time telecom user interactions.
- Designed architecture adaptable for cloud deployment.
- Implemented data analysis to improve efficiency and security.

### Data-Driven Web Development Project

- Designed a web app with HTML, CSS, JavaScript, and MySQL.
- Integrated Python scripts for data collection and user analytics.
- Optimized interface based on user data insights.

### Rock, Paper, Scissors Game

- Built an interactive game in Python with scoring system and logic tracking.
- Applied data principles to track performance outcomes.

## Education

B.Sc. in Physics | University of Nigeria | 2017 (Second Class Lower)

Relevant Coursework: Data Analysis, Statistical Methods, Data Visualization, Computational Physics

## Certifications & Training

- Full Stack Web Development with Django — New Horizon, 2022
- Data Science & Data Analysis with Python — Coursera (2024, In Progress)
- Google Cloud Data and Storage Foundations — LinkedIn Learning, 2025

- Machine Learning with Python: Foundations — LinkedIn Learning, 2025
- DevOps Foundations: DevSecOps — LinkedIn Learning, 2025
- Web Development Certification — Aptech Computer Education, 2025 (In Progress)