

CHUKWUMA MAXWELL

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)