

# SAMUEL OJONUGWA MOMOH

Tel: +2348084235076 | Email: [iammomohsamuel@gmail.com](mailto:iammomohsamuel@gmail.com) | LinkedIn: <https://www.linkedin.com/in/samuel-o-momoh>

Portfolio: <https://griitty.github.io>

## PROFILE SUMMARY

Data Scientist who loves combining technical work with teaching. I build end-to-end ML solutions using Python and modern frameworks, and I mentor aspiring data professionals. I'm passionate about creating intelligent solutions for real-world problems and looking for remote opportunities in fintech, education, or product development.

## TECHNICAL SKILLS

- **Programming Languages:** *Python, JavaScript, SQL*
- **Data Analysis and Visualization:** *Tableau, PowerBI, Google Sheets, Excel, Plotly, Matplotlib, Seaborn, Statistical analysis*
- **Web Technologies:** *HTML & CSS*
- **Data Science & Machine Learning:** *Anaconda, Miniconda, Jupyter Notebook/Lab, VS Code, Numpy, Pandas, ScikitLearn, Streamlit, Scikit-Learn, Tensorflow, Keras, Pytorch, Open-CV*
- **Database Management:** *MongoDB, Microsoft SQL Server, PostgreSQL, MySQL, SQLite*
- **Software Engineering:** *Git, Github, FastAPI, Operating Systems, Docker*

## KEY PROJECTS & ACHIEVEMENTS

- **Educational Impact (GOMYCODE):** Achieved 90+ NPS score mentoring 40+ students in data science fundamentals with personalized learning approaches.
- **Community Leadership (ALX Africa/Explore AI):** Organized and led study groups, webinars, and peer mentoring for 200+ Data Science program participants, resulting in improved cohort graduation rates.
- **Technical Leadership:** Led end-to-end web development project for Saburi Ademola Foundation NGO, managing cross-functional team delivery and successful launch.
- **Product Development:** Built FinSight analytics platform processing financial statements with real-time anomaly detection and interactive visualizations.

## WORK EXPERIENCES

**GOMYCODE**, *Data Science, Data Analysis and Python Instructor*

06/2024 - Present

- Mentored and Tutored 40+ Students in Python, SQL, Machine Learning and Data Visualisations (Power BI, Tableau).
- Developed end-to-end Machine Learning Projects to demonstrate real world applications.
- Maintained a student Net Promoter Score (NPS) above 90.

**Arnergy Solar Limited**, *IT Infrastructure Engineer*

04/2024 – 06/2024

- Reduced average support ticket resolution time by 40% through improved documentation and SOPs.
- Maintained infrastructure documentation and collaborated with engineering teams on process optimization.

**Contact Solutions Limited (CONSOL)**, *Information Systems Engineer*

10/2022 – 03/2024

- Ensured 99.5% uptime across 24/7 production server environments.
- Provided technical support resolving 100+ monthly tickets.
- Implemented monitoring systems that reduced downtime by 30%.

## EDUCATION & CERTIFICATIONS

- **BSc. Computer Science**  
National Open University of Nigeria, Lagos | January 2023 - Present
- **Data Science Certification**  
ALX Africa (Explore AI) | April 2023 - August 2024

## PERSONAL PROJECTS

**QR-Based Anti-Cheat Check-In System** - <https://checkin-system.streamlit.app/>

*Python, Streamlit, SQLite3, Pandas, QR Code Generation*

- Built a secure attendance system using dynamic QR codes to prevent cheating and enforce single submissions.
- Integrated Streamlit UI with persistent SQLite storage and session management.

**WhatsApp Chat Analyzer** - <https://saucychatalyzer.streamlit.app/>

*Python, Pandas, Matplotlib, Plotly, Streamlit*

- Developed an interactive chat analyzer to visualize WhatsApp message statistics and trends.
- Enabled file uploads and visual insights like activity heatmaps, user engagement, and sentiment approximation.

**Saburi Ademola Foundation Website** - <https://www.saburiademolafoundation.org>

*Client-Side Proposal, Team Management, Project management*

- Coordinated project planning, team collaboration, and client communication for this web development project.
- Managed timelines, ensured UX goals were met, and successfully launched the site.

**FinSight - Bank Statement Analyzer** - <https://finsight-app.streamlit.app>

*Python, Streamlit, PyMuPDF, Plotly, Pandas, Statistical Analysis*

- Built an intelligent financial analytics platform processing bank statements with anomaly detection
- Implemented statistical thresholds (95th, 99th, 99.9th percentiles) to identify suspicious transactions
- Created interactive Plotly visualizations for inflow/outflow patterns and spending analysis
- Achieved 100% local processing ensuring complete user privacy and data security