

# Musili Andrew Mwau

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## Contact & Profiles:

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- Portfolio: [portfolio-o9lw.vercel.app](https://portfolio-o9lw.vercel.app)

## Target Roles:

- Software Developer
- Data Scientist
- Quantitative Analyst
- AI/ML Engineer
- Risk Analyst
- Product Developer
- BI Developer
- Automation Specialist

## Personal Statement:

Founder and developer of QuantIQ, I am a final-year student at Kenyatta University (BSc Mathematics and Computer Science) and a full-stack developer, AI engineer, and data scientist. I specialize in building intelligent systems, full-scale products, and quant models across sectors. With over 70 GitHub projects and professional experience ranging from freelancing to building data products, my mission is to combine code, data, and business insights to drive innovation.

I work at the intersection of software, statistics, and strategy. I've built dashboards, predictive models, APIs, and complete SaaS products with Python, Django, React, and SQL. I use ML and big

data tools to unlock financial and operational insights. As a remote contractor (Turing, Upwork), I thrive in distributed teams and have contributed to global-facing products.

I bring discipline from my background in statistical programming, vision from product ideation, and hands-on leadership from founding analytics ventures. I'm actively building QuantIQ — an initiative focused on applying AI, automation, and quantitative intelligence to real-world problems.

### **Education:**

- **Bachelor of Science in Mathematics and Computer Science**, Kenyatta University — *2021 – Present*
- KCSE: Kalulini Boys Secondary — *2017–2021*
- KCPE: Baraka Academy — *2016*

### **Technical Skills:**

#### **Software Development:**

- Python (Django, FastAPI, Flask)
- React.js, Vite, HTML/CSS/JS, Tailwind
- REST API development and integration
- PostgreSQL, SQLite, Firebase
- PyQt for Desktop Applications
- Git, Docker, CI/CD, Linux
- Dart and Flutter Framework

#### **Data Science & Analytics:**

- Pandas, NumPy, Matplotlib, Seaborn
- Scikit-learn, XGBoost, LightGBM
- Jupyter Notebooks, Google Colab
- SQL (PostgreSQL/MySQL)
- Machine Learning & Forecasting
- Big Data Analytics (Amazon Reviews Project)
- NLP, Classification Models, Regression, Clustering
- BI Dashboards, Data Visualization

#### **Cloud & Automation:**

- AWS (Free Tier): EC2, S3, Lambda, CloudWatch
- Automation Scripts, Web Scraping, Bots

#### **Remote Work & Collaboration:**

- Slack, Zoom, MS Teams

- Jira, Trello, Notion
- GitHub, GitLab

### **Professional Experience:**

- **Founder & Lead Developer**, QuantIQ – *Jan 2025 – Present*  
Built and maintained the core analytics and automation modules. Leading projects on quant strategy, AI dashboards, and intelligent systems for finance and risk.
- **Professional Freelancer**, Upwork – *March 2024 – Aug 2024*  
Delivered AI, data science, and automation solutions for clients globally. Handled web scraping, predictive modeling, and API integration.
- **Founder & Operational Manager**, Maxisell Analytics Agency – *Feb 2024 – Present*  
Led client data transformation projects, reporting, and custom dashboard development.
- **Junior Web Developer**, Makueni Tech Hub – *June 2023 – Jan 2024*  
Built websites and internal tools using Django + React. Improved UI/UX and system responsiveness.
- **Software Tester & Content Contributor**, FollowTheMoney – *Nov 2022 – March 2023*  
Tested public systems and wrote SEO content for social transparency.
- **Web Developer Intern**, Makueni Tech Hub – *April 2021 – Sept 2021*

### **Notable Projects:**

- **Amazon Fashion Reviews Analysis** – Big data sentiment & price impact modeling
- **Airbnb Price Prediction** – Regression and ML
- **IVEIMS** – Education system built with Python
- **BlogAI & Fake News Detector** – NLP-based intelligent systems
- **QuantIQ & AI-BI-Dashboard** – Quantitative data modules and business insights
- **BookSwaps** – Full-stack project