Eden Gilbert Kiseka

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Kampala, Uganda

SUMMARY

Versatile Data Scientist and Android Developer with 6+ years of experience spanning data science, mobile development, electrical engineering, and creative design.

Skilled in machine learning, Android development with Kotlin, modern web frameworks, and database management.

Proficient in multiple languages, delivering innovative technical solutions across diverse industries from fintech to IoT systems.

EDUCATION

University of the People — USA
Associate Degree in Computer Science — *Expected 2027*

Uganda Institute of ICT — Uganda
Diploma in Electrical Engineering — *Expected 2027*

Victoria University — Uganda
Certificate of Higher Education in Physical Sciences — *2025*

Uganda Advanced Certificate of Education — Uganda
Secondary Education — *2022*

EXPERIENCE

Lead Data Engineer — October 2025 – Present
Googah Goats — *Kampala, Uganda*

- Lead the data engineering team in designing and implementing scalable data pipelines and infrastructure.
- Architect and manage ETL/ELT processes to support data science and business intelligence initiatives.
- Collaborate with data scientists to deploy and operationalize machine learning models.
- Oversee database management, data warehousing, and ensure data quality and governance.

Junior Data Scientist — Present
Huawei — *Kampala, Uganda*

- Applied machine learning algorithms to analyze telecommunications data and customer behavior patterns
- Developed predictive models using Python and statistical analysis for network optimization
- Collaborated with cross-functional teams to implement data-driven solutions for business intelligence
- Created data visualization dashboards and reports for stakeholder decision-making

Junior Data Scientist — Present
Hammer Uganda Limited — *Kampala, Uganda*

- Designed and implemented data analytics solutions for client projects across various industries
- Built ETL pipelines and data processing workflows using Python and SQL
- Conducted exploratory data analysis and statistical modeling to extract business insights
- Developed machine learning models for classification and regression tasks

Electrical Engineer — April 2025 – Present
Neriko Electronics — *Kampala, Uganda*

- Designed and implemented electrical systems for commercial projects, ensuring safety compliance
- Integrated hardware and software for IoT devices with Linux-based systems
- Set up and maintained PostgreSQL databases for system monitoring and telemetry data
- Conducted troubleshooting and maintenance, improving circuit reliability by 20%

FX Trader — July 2023 – Present
Independent — *Remote*

- Analyzed market trends and executed trades in the forex market using quantitative methods
- Developed algorithmic trading strategies and risk management systems

- Created database systems to track trading performance and market indicators
- Applied statistical analysis to optimize trading performance

Freelance Creative Professional   2022 – Present
Self-Employed   *Remote*

- Specialized in photography, graphic design, and music production
- Delivered portraits, logos, and audio compositions for diverse client base
- Applied UI/UX principles to web design projects for small businesses

Front-End Developer Intern   August 2023
CoinPay   *Costa Rica*

- Developed mobile applications using React Native and Android native development
- Designed logos, user interface (UI), and user experience (UX) for fintech platforms
- Collaborated on database architecture for customer information management
- Utilized Figma and Adobe Photoshop as primary design tools

PROJECTS

Android E-Commerce Application | *Kotlin, React Native, Lynx.js, Supabase*   2025 – Present
- Developed cross-platform mobile application using modern Android development stack
- Implemented responsive UI components with Lynx.js framework
- Integrated real-time data synchronization with Supabase backend

Forex Data Analysis Tool | *Python, SQLite, Data Visualization*   2023 – Present
- Created a Python-based tool for visualizing forex market trends with SQLite database integration
- Implemented machine learning algorithms to identify potential trading opportunities
- Built predictive models for market trend analysis

Pizza Vesuvio Website | *Vue.js, Angular, PostgreSQL, Figma*   2023 – Present
- Designed and built a complete website for South African restaurant using modern web frameworks
- Deployed on Ubuntu server with optimized performance configuration
- Live site: pizzavesuviocpt.co.za

CoinPay UI/UX Design | *Figma, Adobe Photoshop*   2023
- Contributed to fintech platform design focusing on user experience and accessibility
- Created responsive design systems for web and mobile applications
- Project URL: coinpay.cr

TECHNICAL SKILLS

Programming Languages: Python, Go, C++, JavaScript, TypeScript, Kotlin, SQL, Bash
Mobile Development: Android Native (Kotlin), React Native, Lynx.js
Web Development: HTML, CSS, Vue.js, Angular, Node.js, RESTful APIs
Data Science & Analytics: Machine Learning, Statistical Analysis, Data Visualization, Pandas, NumPy, Scikit-learn
Software Tools: Arduino IDE, VS Code, IDX, Heroku, Git, Android Studio
Electrical Engineering: MATLAB, PSpice, Altium Designer, AutoCAD Electrical
UI/UX Design: Figma, Penpot
Database Systems: PostgreSQL, SQLite, Supabase
Photography: Lightroom CC, Capture One
Music Production: Ableton Live, FL Studio

LANGUAGES

English (Fluent), **Luganda** (Fluent), **French** (B2)

CERTIFICATES

Computer Science IT Award, KHS Uganda (2018) — Uganda Certificate of Education (2018) — Uganda Advanced Certificate of Education (2022)