

# Ashley Awuor Okeyo

Software Engineer | Data Analyst

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## PERSONAL STATEMENT

Motivated software engineer with experience in financial analysis, data management and now transitioning into software development. Proficient in Python, JavaScript, C/C++, GitHub and HTML/CSS with hands on experience in creating effective financial and data applications to enhance solutions focusing on Sustainable Development Goals. I bring strong analytical skills, problem-solving capabilities, effective communication skills and attentive listening. Excited to leverage technical expertise to deliver impactful software solutions in an internship role.

## EDUCATION

**Moi University**, Nairobi, Kenya

Jan 2021-Dec 2024

BA ECONOMICS

RELEVANT COURSEWORK: Financial Accounting, Business Law, International Economics, Economics of Labour, Economic Development, and Agricultural Economics

**ALX Africa**, Nairobi, Kenya

Certificate in Software Engineering

RELEVANT COURSEWORK: Programming languages which include C/C++, Python, JavaScript, HTML/CSS and SQL

## WORK EXPERIENCE

### Public Service Intern

Uwezo Fund, Nairobi, Kenya

Mar 2025–present

- Issue development loans to youth, women, and disability groups to promote inclusive business growth aligned with Kenya's Vision 2030.
- Partner with the State Department for MSMEs to provide financing solutions at constituency level.
- Educate and sensitize the public on available loan products and financing opportunities.

### Industrial Attachment

Social Health Authority, Nairobi, Kenya

May 2023–July 2023

- Processed and facilitated over 300 insurance claims with 100% compliance, reducing processing time by 15%
- Managed EFT payments totalling \$1.5M, ensuring accuracy and reducing payment errors by 15%
- Collaborated with finance teams to optimize claim processing workflows enhancing operational effectiveness

## PROJECTS

- **Personal Finance Tracker (Python):** Built a web application designed to help individuals track daily expenses, manage budgets, and monitor personal financial goals.
- **GDP & Economic Indicator Dashboard (Python):** Created a data visualization dashboard that tracks GDP, inflation, unemployment, and other key economic indicators using APIs from global financial institutions e.g. World Bank
- **SDG Progress API Dashboard (Python):** Designed a prototype dashboard combining datasets from the World Bank, UN, and local agencies to monitor Kenya's progress toward Sustainable Development Goals (SDGs), focusing on poverty, education, and climate action.

## LANGUAGES & TECHNOLOGIES

- Languages: Python, JavaScript, HTML, CSS, C, C++
- Technologies: MongoDB, Git, React, Node.js, VS Code, GitHub, SQLite