# Jesse Kidula

Software Developer

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## SUMMARY

Junior Software Developer & Data Scientist specializing in AI, predictive modeling, and full-stack solutions. Proven ability to deliver data-driven insights and scalable applications. Strong in Python, SQL, and cloud platforms.

## PROFESSIONAL EXPERIENCE

**ICT intern** — Jun '24 — Sep '24
Ministry of Labour and Social Protection — Nairobi, Kenya
- Technical support and training resulted in an estimated 25% improvement in user skills.
- Managed hardware for 10+ Departments, optimizing a 5% decrease in system downtime.

**Data Analytics Intern** — Sep '24 — Oct '24
Quantum — Remote
- Analyzed transaction datasets with Python and Pandas, increasing satisfaction scores by 12%.
- Automated benchmark stores for uplifting and data visualization, improving performance by 10%.

**Data Science Intern** — Sep '24 — Oct '24
British Airways — Remote
- Scraped and analyzed customer review data, resulting in a 12% increase in customer satisfaction scores.
- Built a predictive model with scikit-learn improving marketing campaign strategies' by 25% .

**Data Enumerator** — Oct '24 — Nov '24
Ministry of Labour and Social Protection — Nairobi, Kenya
- Spearheaded structured interviews and surveys to gather demographic, economic, and social data from over 100 households, ensuring a 95% response rate.
- Mapped out 100+ households' information into the Ministry's database, achieving 100% coverage of targeted areas.

**AI Evaluator** — Nov '24 — Present
RWS Holdings — Remote
- Evaluated machine learning algorithms resulting in a 30% faster response time for personalized recommendations.
- Delivered actionable feedback on AI outputs using NLP contributing to a 40% reduction in output errors.

## EDUCATION

**Bachelor in Business Information Technology**, KCA University (GPA: 3.0) — Sep '20 — Nov '24 — Nairobi, Kenya

## CERTIFICATIONS

**Programming in Python**, Udemy — Jan '23
**AI Starter Kit**, ALX — Jan '25
**IT for Business success**, HP — Mar '25
**React frontend**, HackerRank — Jan '25

## PROJECTS

**KaziConnect job Board**
**PetStore management system**
**Twitter Sentiment Analysis**
**Agritech Ecommerce Startup** — Mar '25 — Present

## SKILLS

**Programming**    Python, JavaScript, Java, PHP, SQL
**Frontend Development**    React, Vue, HTML/CSS
**Backend Development**    Node.js, Laravel, C#, PostgreSQL, MySQL
**Data Analysis**    Pandas, Scikit-learn, NLP, Power BI, Tableau
**Development Tools**    Git, Jupyter, VSCode, Docker

## REFEREES

Lawrence G. Nyaga- **Head of ICT**, Ministry of Labor and Social Protection. Email: lawnyagagmail.com , Mobile: 0723451812

Nelson Murimi- **Senior ICT Officer**, Ministry of Labor and Social Protection. Email: kiriminelson83gmail.com Mobile:0706555117