




# LULE NURU

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## PROFESSIONAL SUMMARY

Analytical and results driven Data Analyst with over 5 years of experience in data collection, statistical analysis, and business intelligence across sectors including healthcare, research, and development projects. Proficient in tools such as MS Excel, SPSS, Stata, SQL, and Power BI. Experienced in designing relational databases, cleaning datasets, evaluating program impact, and translating data into actionable insights. Skilled in team leadership, compliance reporting, and using data to optimize operations and support strategic decisions. Enthusiastic and detail-oriented, recent in software development, with a strong foundation in Python, Django REST framework, JavaScript, React, React-native and Node.js showcasing problem-solving abilities and a passion for creating intuitive user interfaces.

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## TECHNICAL SKILLS

- **Statistical Analysis:** SPSS, Stata, Microsoft Excel (Advanced)
  - **Programming & Query Languages:** SQL,R (Basic), Python, Javascript
  - **Database Management:** MySQL, SQLite, Relational Database Design, PostgreSQL
  - **Data Visualization & BI Tools:** Power BI, MS Excel Charts & Pivot Tables
  - **Survey & Data Collection Tools:** Google Forms, ODK Collect
  - **Reporting & Documentation:** MS Word, PowerPoint, Google Workspace
  - **Collaboration Tools:** MS Teams, Trello, Google Drive, Slack
  - **Version Control:** Git
  - **Operating Systems:** Windows OS
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## CORE COMPETENCIES

- Data Cleaning & Validation
- Statistical & Financial Analysis
- SQL & Relational Databases
- Data Visualization & Reporting
- Research & Survey Design
- Monitoring & Evaluation (M&E)
- Business Process Optimization
- Stakeholder Communication

- Team Leadership & Training
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## PROFESSIONAL EXPERIENCE

### APPRENTICESHIP & PROJECT DEVELOPMENT, Refactory Academy | Full-Stack Developer (Budget Miles Project)

*Apprentice | March 2025 – Present*

- Mastered full-stack development using Python Django Rest Framework (DRF) for the backend and React/React Native for the frontend.
- Designed and implemented all user interfaces and user experiences in Figma before development.
- Integrated the PesaPal API to implement secure, auditable Mobile Money transactions.
- Integrated with Google Maps for reliable routing and smart cost prediction functionality.
- Designed and implemented a three-tiered hierarchical security framework for B2B network control.
- Developed the proprietary algorithm to calculate the Actual Consumption Rate (L/100km).
- Authored comprehensive project documentation, including the Vision Scope Document, Project Charter, SRS, demo video, and user/technical manuals.
- Gained experience in strategic stakeholder engagement with key industry partners.
- Practiced advanced Agile methodologies, including a rotating Scrum Master model and rigorous code review standards.

### Abii Clinic & Laboratory Services, Wandegeya

*Healthcare Data Analyst & Systems Manager | July 2020 – Feb 2025*

- Collected and analyzed clinical and operational data to inform healthcare decisions.
- Evaluated Ministry of Health activities to ensure accurate and timely reporting.
- Designed and maintained SQL-based relational databases for data storage and retrieval.
- Supervised team performance and implemented capacity-building strategies.
- Prepared monthly, quarterly, and annual performance reports using Excel and SPSS.
- Applied data-driven strategies to improve efficiency and service delivery.

### University Research Centre

*Data Collector & Analyst | 2017 – 2023*

- Designed survey tools and coordinated field data collection activities.
- Conducted statistical analysis and data cleaning using SPSS and Excel.
- Compiled and presented research findings to stakeholders and donors.
- Supported project evaluation through real-time monitoring and performance tracking.

## **Gaga Foods Uganda**

*Accounts Assistant* | **March 2019 – March 2020**

- Managed stock counts and inventory reconciliation processes.
- Handled daily cash transactions and maintained updated financial records.
- Identified discrepancies in financial inflows/outflows and assisted in report preparation.

## **Visio International & Aflatoun International**

*Assistant Data Analyst (Project-Based)* | **Various Dates**

- Supported baseline and endline evaluations for programs in over 20 districts.
- Key contributions to projects including:
  - *YEP2 Project (SRH & Menstrual Health – Eastern Uganda)*
  - *Emergency Relief Project – Karamoja (2018)*
  - *Pathways to Whole School Development (PWSD – 2019 & 2020)*

## **Student for Global Democracy**

*Customer Care & Communication Intern* | **May 2018 – July 2018**

- Facilitated training sessions on civic engagement, leadership, and entrepreneurship.
- Collected and analyzed participant feedback and program outcome data.

## **Kiboko Enterprises Limited**

*Intern* | **June 2017 – August 2017**

- Supported inventory tracking and evaluation of goods in transit.
- Assisted in warehouse management and financial record updates.

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## **PROJECT HIGHLIGHTS**

### **Software Developer - Budget Miles**

- Developed Budget Miles, a secure, dual-sided fuel management platform that transformed manual processes into auditable, data-driven transactions.

### **Health Information System Enhancement – Abii Clinic**

- Built and maintained a SQL-based health data system that improved report generation by 45%.

### **Impact Assessment – YEP2 Project**

- Conducted data analysis and reporting to measure program effectiveness in menstrual hygiene and SRH education.

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## EDUCATION

Bachelor of Science in Business Statistics - **Makerere University** | 2015 – 2020

Certificate in data science using python - **ISBAT University** | 2024

Advanced Certificate in Software Engineering - **Refactory Academy** | Present

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## CERTIFICATIONS

Data Analytics Master Class - **MUK College of Computing** | October 2024

Data Science with Python - **ISBAT University** | September 2024

Oracle SQL Basics - **Learn Quest** | March 2022

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## REFERENCES

### Ms. Hawa Nalule

General Manager, Abii Clinic & Laboratory Services

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### Mr. Kirirabwa Nicholas

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