

FRANCIS JINGO

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SUMMARY

Data scientist with 4 years of enterprise-level IT experience developing and supporting software innovations in financial institutions using agile processes. Practical experience with SQL, Python, R, AWS, explanatory data analysis, visualization, and machine learning. I am interested in designing optimized data-driven AI systems, data warehousing and aggregation, business intelligence.

EDUCATION

MSc in Business Analytics	Emory University	Jul-23 – May-24
Certified Cloud Developer	Udacity	May-22 – Sep-22
MSc in Information Technology	Carnegie Mellon University	Jul-20 – May-22
Data Science Professional Cert.	EDx - HarvardX	Jun-20 – Jul-21
BSc in Information Technology	Kyambogo University	Aug-13 – Dec-16

EXPERIENCE

MANAGER, INSIGHTS & ANALYTICS	<i>MTN Mobile Money Uganda</i>	Sep-22 – Jun-23
<ul style="list-style-type: none">• Develop and maintain reusable and secure insights, and data analytics solutions.• Develop, test, and maintain data pipelines that are scalable, repeatable, and secure.• Lead data insight projects and revenue generating analytics.• Facilitate data sourcing maintaining data quality standards, formats and speedy delivery and usability to downstream partners.		

SOFTWARE DEVELOPER	<i>Rohde & Schwarz Asia</i>	Jun-22 – Aug-22
<ul style="list-style-type: none">• C/C++ for Deep Packet Inspection.• Python for scripting and Mobile Automation Framework.• Achieve service level delivery against the agreed business targets.• Continuously seek self-professional development to sharpen capabilities in an evolving digital landscape.		

DATA SCIENCE INTERN	<i>Engie Energy Access</i>	May-21 – Aug-21
<ul style="list-style-type: none">• Created analysis charts and visualisations based on findings from Mobisol data analysis.• Pioneered data validation, analysis, and predictive modelling of the Miss First Payment project.• Discovered insights and reduced client support resource utilisation by 33%.• Adhere to data management standards, policies and procedures in order to manage associated risks.		

ELECTRONIC BANKING ADVISOR	<i>Citi Bank</i>	Mar-19 – Jul-20
<ul style="list-style-type: none">• Implemented VBA scripts to format payment details and enable bulk payment upload.• Client onsite installation and Java troubleshooting of Citi-direct upgrades.• Conducted client consultation surveys to improve the Citi-direct platform.		

SOFTWARE DEVELOPER	<i>Stanbic bank</i>	Jul-17 – Feb-19
<ul style="list-style-type: none">• Set up automated extraction and mail delivery of statistical insights about product utilization.• Built an auto-reconciliation tool for cash deposit machines reducing manual workload by 80%.		

PROJECTS

- Social Network Analysis to classify telecommunication customer behavior traits to aid product cross selling.
- Predict repayment credibility of potential customers for Engie energy appliances.
- Set up automated grading platform for Carnegie Mellon University data structures students.
- Text analysis to align commonly used words with WhatsApp group creation objectives and goals.
- Design ETL pipelines to promote data readiness and improve querying efficiency for business statistics.
- Set up auto reconciliation tool to quicken transactional reconciliation and flag possible fraudulent cases.
- Aid risk and compliance teams by providing hourly reports on the general business performance while highlighting critical change in trends.