

BONIPHACE MKINDI

DATA & ANALYTICS ENGINEER

Finance Analytics | Power BI | Microsoft Fabric | ERP & Business Applications

Guildford, Surrey, UK | +44 7415 037156 | boniphacemkindi@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Data & Analytics Engineer with 8+ years across telecommunications, enterprise systems, data and analytics. Currently supporting finance reporting and business-application initiatives within an international listed engineering group, developing Power BI models for management reporting, contributing to Dynamics 365 Business Central work, and evaluating Microsoft Fabric and practical AI opportunities. Completing an MSc in Data Science at the University of Surrey, with a growing focus on finance analytics, data governance and consulting delivery.

CORE CAPABILITIES

Finance Analytics & BI: Power BI, DAX, Power Query, semantic modelling, P&L, variance, forecasting, MTD/YTD, LFL, management reporting

Data Platforms & Engineering: Microsoft Fabric (developing), SQL, Python, data modelling, ETL/ELT, data quality, lineage and documentation

ERP & Business Applications: Dynamics 365 Business Central, ERP reporting, requirements analysis, data validation, UAT, process review and stakeholder support

Applied AI & Analytics: Time-series forecasting, anomaly detection, NLP, machine learning, use-case evaluation and responsible automation

Consulting & Delivery: Stakeholder requirements, process review, UAT support, documentation, solution evaluation and cross-functional communication

PROFESSIONAL EXPERIENCE

Data Engineer (Finance Analytics & Business Applications) discoverIE Group plc

Sep 2025 - Present
Guildford, UK

- Develop Power BI data models and management reporting across areas including P&L, variance, forecast, month-to-date, year-to-date and like-for-like analysis for Group Finance stakeholders.
- Translate finance and operational reporting requirements into semantic models, dashboards, data-quality checks and documented reporting logic in a multi-entity group environment.
- Evaluate Microsoft Fabric, SharePoint and practical AI opportunities for more scalable, governed analytics, forecasting and reporting workflows.
- Contribute data and reporting expertise to Dynamics 365 Business Central ERP implementation work, including requirements, validation, UAT support and stakeholder communication.
- Work across finance, business analysis, project management and operating-company stakeholders to turn business needs into practical data and reporting solutions.

Data Systems Administrator / Data Engineer TTCL - Tanzania Telecommunications Corporation

May 2023 - Sep 2024
Dar es Salaam, Tanzania

- Supported billing and enterprise data systems, developing custom functionality and automation to improve operational reliability and data handling.
- Built and maintained data-processing and streaming workflows using technologies including Kafka, SQL and Python, with CI/CD practices for repeatable deployment.
- Applied predictive analytics and machine-learning techniques to telecom operations, including fault and anomaly detection use cases.

Core Transport Network Engineer

Sep 2019 - Aug 2023
Dar es Salaam, Tanzania

TTCL - Tanzania Telecommunications Corporation

- Operated and maintained packet-core, transport, switching, IMS, AAA and EIR environments supporting national telecommunications services and billing integration.
- Worked with large-scale operational systems where availability, security, integration and disciplined change control were essential.
- Used operational and network data to investigate faults, improve reliability and support service-performance decisions.

EARLIER EXPERIENCE

Web Developer Flashnet Tanzania

Feb 2019 - Sep 2019
Dar es Salaam, Tanzania

- Developed and supported responsive web applications, troubleshooting client issues and maintaining production websites.

IT Security & Data Analyst Sentinel East Africa Ltd

Apr 2018 - Feb 2019
Dar es Salaam, Tanzania

- Supported security and access-control projects for financial-sector clients and developed operational reporting using Power BI and Elasticsearch.

EDUCATION

MSc Data Science - University of Surrey

Focus: business analytics, data engineering, forecasting, databases, machine learning, NLP, cloud computing and applied AI.

2024 - Sep 2026

BSc Electronics & Telecommunication Engineering - St. Joseph's College of Engineering

Upper Second Class

2013 - 2017

PROFESSIONAL DEVELOPMENT

PL-300 - Power BI Data Analyst Associate - In progress

DP-600 - Fabric Analytics Engineer Associate - In progress

Financial Modeling & Valuation Analyst (FMVA) - Corporate Finance Institute - In progress

DAMA-DMBOK / CDMF Associate preparation - Structured study in progress

SELECTED TECHNICAL WORK

Telecom Operations Anomaly Detection - MSc Research

Designed a research-grade Python ETL and modelling scaffold for anonymised telecom telemetry, with bronze/silver/gold data layers, data-readiness audits, safety gates, reproducible workflows and automated tests.

Biomedical Abbreviation Detection - MSc NLP Project

Compared CNN, BiLSTM-CRF and transformer-based models on BIO-tagged biomedical text; the transformer + CRF approach achieved F1 scores of 0.88 for abbreviations and 0.78 for long forms.

Selected earlier learning: Google Cloud Fundamentals, Essential Google Cloud Infrastructure, IBM Data Analytics Essentials and Google Crash Course on Python.

PROFESSIONAL WRITING

LinkedIn newsletter - Daily AI-Data Science Decoded: publish technical learning and explain data/AI concepts for a broader professional audience; editorial focus is evolving toward enterprise analytics, business applications and practical AI.

TECHNICAL TOOLKIT

Analytics & BI: Power BI, DAX, Power Query, data modelling, dashboard design, SQL Server, SSAS

Data & Engineering: Python, SQL, Pandas, NumPy, Kafka, Spark, REST APIs, Git, CI/CD, Docker, Kubernetes

AI & ML: Scikit-learn, PyTorch, TensorFlow, time-series analysis, anomaly detection, NLP, predictive modelling

Cloud & Platforms: Microsoft Fabric (developing), Azure/Microsoft ecosystem, GCP, AWS, Elasticsearch