# **BONIPHACE MKINDI**

Data Science Enthusiast | 5+ Years Experience in Telecom & Data Engineering



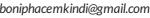
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# **SOCIAL MEDIA**

Surrey, GU2 7YW



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http://bmborne.github.io/



http://x.com/boniphacemkindi



http://github.com/bmborne



join.skype.com/invite/ugJZzUHZ0Hwj

# **PROFILE**

I'm a passionate Data Enthusiast with over five years of experience bridging technology and business in the Telecom and IT sectors. I thrive on transforming complex data into meaningful insights that drive innovation and operational excellence.

I've had the pleasure of leading projects that enhanced network performance and security for major financial institutions, implementing automation processes that boosted efficiency and reduced costs. What excites me most is the opportunity to collaborate and share knowledge. I'm always eager to learn from others and contribute to the data science community.

Beyond the technical skills, I believe in the power of teamwork and communication. I'm dedicated to applying advanced analytics to real-world challenges and am passionate about making a tangible impact through data. Let's connect and explore how we can turn data into actionable strategies together.

# **EDUCATION**

09.2024 - present

University of Surrey, England

Msc Data Science

01.2021 - 08.2021

Udacity

Cloud Native Fundamentals & Specialization Program

2013 - 2017

St. Joseph's College Of Engineering, Tanzania

Electronics and Telecommunication Engineering

# **TECHNICAL SKILLS**

# **LANGUAGES**

English Swahili

Python Programming

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JavaScript Node.is

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Linux Administration

Data Analysis (Power BI)

Database Administration

SKILLS

PERSONALITY

✓ Good communication - written and oral skills

Communicative

Punctuality

✓ Excellent conceptual and analytical skills

Creativity

Organized

✓ Effective interpersonal skills

✓ Python Programming Expert in Python for automation and data analysis tasks.



## CERTIFICATIONS

#### IBM Cloud Computing Essentials - Issued by IBM

Demonstrated foundational knowledge of cloud technologies, including IaaS, PaaS, SaaS, and multicloud environments. Gained hands-on experience with IBM Cloud services.

#### Google Cloud Fundamentals: Core Infrastructure - Issued by Google Cloud

Acquired understanding of Google Cloud Platform's core infrastructure and services.

#### Essential Google Cloud Infrastructure: Foundation - Issued by Coursera and Google Cloud

Completed foundational training on Google Cloud infrastructure services and solutions.

#### Data Analytics Essentials - Issued by Coursera and IBM

Demonstrated knowledge of data analytics concepts, tools, and the data analysis lifecycle.

#### Crash Course on Python - Issued by Coursera and Google

Completed an introductory course on Python programming fundamentals.

## **EXPERIENCE**

## 09.2019 - 09.2024 TTCL-TANZANIA TELECOMMUNICATION COMPANY LIMITED - East Africa

Data & System Engineer:

#### Billing System Developer/Engineer:

Enhanced billing efficiency by developing custom functionalities, automating processes, and integrating APIs, leading to a **30**% reduction in billing errors and improved revenue assurance.

## **Billing System Analyst:**

Utilized advanced analytics to monitor billing performance and identify anomalies. Created data validation processes, reducing discrepancies by 25% and enabling quicker issue resolutions. Developed Power BI dashboards for greater management transparency.

## **Automation Engineer:**

Developed automation scripts to eliminate repetitive tasks, saving **50**% of the operations team's time. Implemented orchestration frameworks to drive efficiency and enable faster service delivery.

#### 02.2019 - 09.2019 FLASHNET TANZANIA - East Africa

Technical Security Specialist:

Designed and developed websites for clients, creating user-friendly and visually appealing platforms to enhance customer engagement.

Maintained and updated existing client websites and web applications, ensuring optimal performance and functionality.

Provided technical support and troubleshooting, resolving issues promptly to minimize client disruptions.

## 04.2018 - 02.2019 Sentinel East Africa LTD - East Africa

Technical Security Specialist:

Led multiple security upgrade projects, enhancing surveillance and access control for major financial institutions including KCB-Tanzania and ABSA Bank, covering 32 branches across the country. Successfully implemented centralized NMS systems for IP-CCTV, Access Control, and Alarm Systems, improving security monitoring and reducing response times.

