

RISIMA NGOBE

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PROFILE

As a responsible and dedicated professional, I thrive in complex problem-solving and am comfortable working in multidisciplinary teams and independently. My strong communication, organizational, and interpersonal skills and passion for continuous learning make me an asset to any team. I am highly adaptable and approachable, with a global perspective and exceptional cultural awareness.

My relentless drive to succeed and exceed expectations in every project sets me apart, and I relish the opportunity to challenge myself and apply my problem-solving skills. I am confident in my ability to make a significant contribution and am always eager to take on new challenges.

TECHNICAL SKILLS

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| Programming Languages | SQL, R(programming language), Python, MATLAB, Java, \LaTeX . |
| Software | SAS Enterprise, Abinitio GDE, Microsoft Power Suite, Control-M |
| Fundamentals | Problem-Solving, Communication, Analytical skills, Teamwork. |

WORK EXPERIENCE

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| Santander Corporate & Investment Banking | January 2024 - Present |
| <i>Software Engineering Analyst</i> | <i>Málaga, Spain</i> |

- Developed and maintained MiFID II reporting solutions using Hive, Java, Spark, Python, and Bash scripting
- Ensured compliance with regulatory requirements by designing efficient data processing workflows for client and trade reporting
- Utilized big data technologies to handle large-scale data ingestion, transformation, and analysis
- Collaborated with cross-functional teams to optimize performance and enhance the reliability of reporting systems
- Conducted thorough testing and debugging to ensure the accuracy and integrity of financial data reports
- Provided technical support and troubleshooting for complex data processing issues
- Contributed to continuous improvement initiatives by identifying and implementing process optimizations

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| Cyberlogic | November 2023 - Present |
| <i>Business Intelligence Consultant (Part-Time Role)</i> | <i>Sandton, GP</i> |

- Lead the development and implementation of Azure pipelines for clients, ensuring seamless data flow and processing.
- Specialized expertise in designing and optimizing workflows within Azure Synapse and Data Factory environments.
- Collaborate closely with stakeholders to understand business requirements and translate them into effective data solutions.
- Execute end-to-end data pipeline lifecycle, from conception and design to deployment and maintenance.
- Drive efficiency improvements by incorporating best practices and staying abreast of the latest Azure technologies.
- Demonstrate a track record of successful project delivery, meeting client expectations and deadlines.

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| Standard Bank Group - Group Internal Audit | July 2023 - November 2023 |
| <i>Data Analyst</i> | <i>Rosebank, GP</i> |

- Develop interactive PowerApps for efficient data capture in internal audit.
- Create Power BI dashboards for real-time insights and automation.

- Streamline audit processes using SQL and Python, saving time and costs.
- Implement data-driven automation workflows in PowerApps.
- Conduct staff training on PowerApps and Power BI usage.
- Utilize advanced Power BI features for deeper insights.

First National Bank - Client Profitability

March 2023 - June 2023

Promoted to - Business Intelligence Developer

Johannesburg, GP

- Perform in-depth analysis of SQL code to identify inefficiencies, performance bottlenecks, and areas for optimization.
- Port SQL code to different database platforms, ensuring compatibility and seamless migration of data and functionality.
- Build advanced models on top of analyzed PROC SQL(SAS) code to extract valuable insights and support data-driven decision-making processes.
- Collaborate closely with stakeholders to understand business requirements and translate them into effective data models and SQL queries.
- Optimize SQL queries and database structures to enhance data processing speed, improve system performance, and reduce resource consumption.
- Develop and maintain data pipelines and ETL processes to ensure smooth data flow, integration, and availability for analysis.

First National Bank - Client Profitability

January 2023 - March 2023

Promoted to - Junior Business Intelligence Developer

Johannesburg, GP

- Developed complex ETL processes with Abinitio GDE utilizing the power of Hadoop, MSSQL, and HIVE for efficient data transfer, transformation, and loading.
- Use SAS for statistical data analysis and visualization to showcase company financial performance.
- Collaborating with cross-functional teams and stakeholders
- Build and automate financial recons in SQL to improve accuracy and streamline the reconciliation process.
- Conduct UAT in DEV, QA, and PROD environments, ensuring the software meets end-user requirements and is ready for deployment to PROD.
- Skilled in project management using JIRA and ServiceNow for efficient task assignment and project tracking with expertise in end-to-end project management.

First National Bank - Client Profitability

January 2022 - December 2022

Data Analyst Trainee

Johannesburg, GP

- Expertly executed data contracting through the implementation of cutting-edge data integration solutions, defining comprehensive data structures, and maintaining exceptional data quality and consistency.
- Leveraged the power of SAS Enterprise Guide to streamline the creation and automation of sophisticated financial models, maximizing efficiency and reducing manual effort.
- Design and develop robust data products to facilitate insightful analysis and sophisticated modelling, ensuring their reliability and longevity through consistent maintenance and upkeep.
- Proactively engage in cross-functional initiatives to aid the organization in making informed decisions through the integration of data-driven insights.

EDUCATION

University of Stellenbosch

January 2018 - December 2021

BSC in Math. Sci. (Operations Research and Applied Mathematics)

Stellenbosch, WC

- Majored in Operations Research, Applied Mathematics, and Economics.
- Two years of Computer Science programming in Java and Python.

University of Stellenbosch

January 2018 - December 2021

BSC in Math. Sci. (Operations Research and Applied Mathematics)

Stellenbosch, WC

- Majored in Operations Research, Applied Mathematics, and Economics.
- Two years of Computer Science programming in Java and Python.

INTERESTS

Data Analysis

Machine Learning

Soccer

Programming

Volunteering

Trading