Regomoditswe Nothando Mkhabela

Junior Data Analyst | Software Developer

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Resume Objective

Aspiring IT professional with a passion for solving real-world problems through technology. Currently pursuing an Advanced Diploma in ICT (Applications Development) and gaining practical experience as a Data Analyst Intern at Walter Sisulu University. Skilled in Python, Java, SQL, Power BI, Excel, and web development, with hands-on experience building dashboards, supporting predictive models, and developing digital solutions. Committed to contributing meaningfully in a fast-evolving tech space through ethical, impactful, and user-focused innovation.

Education & Qualifications

Advanced Diploma in ICT Applications Development | In Progress
Walter Sisulu University

Diploma in ICT Applications Development | Completed in 2024
Walter Sisulu University

National Senior Certificate | 2019
Klerksdorp Secondary School

Work Experience

Junior Data Analyst (Intern)
Walter Sisulu University – Student Tracking Unit | June 2024 – Present

- Analyze and visualize institutional student data using Power BI and Excel, applying advanced Pivot Tables, Power Query, and DAX formulas.

- Prepare automated dashboards and interactive reports to support internal stakeholders' decision-making.
- Collaborate with HEMIS and MIS units to ensure data integration aligns with university reporting standards.
- Support the development and refinement of predictive analytics models to identify students at academic risk.
- Perform data cleaning, transformation, and validation to maintain data integrity and quality.
- Contribute to strategic initiatives aimed at improving student retention and academic success through data insights.
- Document analytical workflows and support compliance with data governance frameworks.
- Provide ad hoc support on survey analysis, performance tracking, and institutional reporting.
- Assist in report writing by compiling data-driven findings, insights, and recommendations for internal reports and presentations.

Residence Mentor
Walter Sisulu University | Jan 2022 – Dec 2022

- Provided guidance and mentorship to first-year students on academic and residential matters.
- Created a supportive environment to help students balance academic and social life.

Publications

- **Undergraduate Student Experience Survey**
  Explores first-year students' academic adjustment, social integration, and uptake of support services.
- **Postgraduate Student Experience Survey**
  Provides insights into the academic, administrative, and supervisory experiences of WSU's postgraduate cohort.
- **Stop-Out Survey**
  Examines why some students interrupt or discontinue their studies — highlighting both institutional and personal contributing factors.
- **Employability Assessment Report (in partnership with the International Finance Corporation – World Bank)**
  Assesses the employability of WSU graduates and readiness for the job market.
- **So Many Ideas, So Little Progress: Escaping the Shiny Object Trap, LinkedIn Article, April 2025**
  A personal essay exploring how embracing focus and recognizing Shiny Object Syndrome helped me align creativity with purpose.

Skills

- **Programming & Development:** Java, Python, Visual Basic, Node.js, React.js, Web development.
- **Data Analysis & Visualization:** Power BI, Microsoft Excel (Advanced formulas, Pivot Tables, DAX, Power Query), Survey data analysis.
- **Database & Tools:** Oracle APEX, SQL, Microsoft Access, MongoDB.
- **Reporting & Automation:** Dashboard creation, Automated report generation, Data cleaning & transformation.
- **Professional Tools:** Microsoft Office Suite (Word, Excel, PowerPoint, Outlook), Power BI Service.
- **Soft Skills:** Project Management, Problem-solving, Attention to detail, Time management, Team collaboration, technical documentation.

Achievements

- ELIDZ Hackathon – 2022
- 5G Basics Certification – April 2023
- ELIDZ Game Analytical Thinking Development Certificate – November 2023
- IBM Datathon – October 2024
- CSIR DIRISA Datathon – November 2024

Certificates

- IBM Developer Skills Network – Data Science Tools
- IBM Developer Skills Network – Data Science 101
- Corporate Academy – Microsoft Power BI (Business Intelligence) Training
- Corporate Academy – Ethics Implementation & Use of Predictive Analytics in Higher Education

References

Khanyisa Mbali – Residence Mentorship Co-Ordinator
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Louis Mapatagane – Director of Planning and Institutional Intelligence
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