

Siphesihle Masuku

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Results-driven student with good communication skills and proficiency in data analytics, machine learning, and AI. Seeking opportunities to apply technical skills and collaborative mindset in a dynamic organisational setting.

WORK EXPERIENCE

Moribo Wa Africa • Gauteng, Vaal • Mar 2024 – May 2024 Property Management System Developer (Freelance) • Part-time

- Developed and implemented a Student Tenant Tracking System for a residential property management company.
- Managed data collection, lease agreement tracking, and rent payment management for over 350 tenants across multiple properties.
- Provided ongoing support and maintenance for the tracking system.

Nueva Modo • Remote • Feb 2020 – Nov 2023 Software Technician • Part-time

- Resolved 95% of software issues within 24 hours, reducing downtime and increasing productivity for end users.
- Resolved 100+ software issues within SLA, reducing downtime by 20% and improving user productivity.
- Collaborated with cross-functional teams to identify and resolve software compatibility issues, leading to a 20% decrease in system crashes.

PROJECTS

Fake Job Postings Detection • Dec 2023 – Feb 2024 <https://bit.ly/fakejobpostingsdetection>

- Developed a machine learning model to detect fake job postings by analyzing various features such as job titles, locations, and company profiles.
- Conducted data preprocessing to handle missing values and combine text data for natural language processing (NLP) modeling.

Loan Approval Prediction Modeling • Feb 2024 – Feb 2024 <https://bit.ly/loanpredictionmodeling>

- Developed classification models to predict loan approval status using loan application data.
- Implemented a modeling pipeline including data loading, preprocessing, train-test split, model training, prediction, and evaluation.

EDUCATION

Bachelor of Science in Business Analytics

North-West University
South Africa, Gauteng,
Vanderbijlpark
Dec 2024

National Senior Certificate

Sekano-Ntoane
Secondary School
South Africa, Gauteng,
Senaoane
Jan 2014 – Dec 2018

SKILLS

Languages: Python, R, SAS, SQL, Java

Frameworks: Pandas, Scikit-Learn, Numpy, Matplotlib

Tools: Excel, Word, PowerPoint, Power BI, Google Data Studio, Google Sheets

Soft Skills: Adaptability, Creativity, Good Communication, Interpersonal Skills, Problem-Solving, Leadership

INTERESTS

Gym, Soccer Player, Strategic Video-gamer, Philosophy Reader, Amateur DJ