ALPHEUS MAILULA

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PROFESSIONAL SUMMARY

Professional data scientist with strong background in statistical analysis, machine learning, and data visualization. Skilled in Python, R, SQL, and various data processing tools, with focus on delivering actionable insights. Known for collaborative approach, adaptability, and consistently achieving impactful results in dynamic environments.

SKILLS

Machine learning	Sentiment analysis
Data visualization	Performance data synthesis
Predictive modelling	R programming
Statistical analysis	Continuous improvement
Data-driven decision-making	Teamwork and collaboration
Time series analysis	Time management
Database management	Analytical skills
Natural language processing	Organizational skills
Python programming	Advanced data mining
SQL databases	Problem-solving aptitude
Feature engineering	Critical thinking
Data operations	Teamwork
Scikit-learn	Data-driven decision making
Probability theory	Complex Problem-solving
Neural networks	Business forecasting
Big data analytics	Project management
Agile methodology	HTML/CSS/JavaScript (front-end web dev)

WORK HISTORY

DATA SCIENTIST|DATA ANALYST|DATA VISUALIZATION, 4IR Research Lab,
Soshanguve Block L

- Duration: 12 MONTHS
- Assessed accuracy and effectiveness of new and existing data sources and data analysis techniques.
- Created and implemented new forecasting models to increase company productivity.
- Automated repetitive tasks using scripting languages such as Python or R, saving time during the analytical process significantly.
- Utilized advanced querying, visualization and analytics tools to analyze and process complex data sets.
- Optimized machine learning pipelines and computational resources deployment strategies resulting in reduced processing times.

CLOUD COMPUTING, NETCAMPUS
Centurion, South Africa (Remote)

- Stayed current on latest industry trends in cloud computing technology by attending conferences, workshops, and webinars related to AWS administration topics.
- Delivered hands-on training sessions on various aspects of cloud computing, empowering team members to excel in their roles effectively.
- Continuously improved personal technical expertise through ongoing education and certifications in various areas such as Salesforce development tools, programming languages, or cloud computing platforms.
- Evaluated emerging technologies in the field of cloud computing, recommending suitable options to improve existing processes and infrastructure elements accordingly.

DATA SCIENCE INTERN, HEXSOFTWARE
Remote |March 2025 - April 2025
- Performed advanced data extraction and data manipulation.
- Enhanced data processing efficiency by automating data collection and preprocessing tasks.
- Devised and deployed predictive models using machine learning algorithms to drive business decisions.

EDUCATION

INFORMATICS, EXPECTED IN OCTOBER 2025
TSHWANE UNIVERSITY OF TECHNOLOGY -SOSHANGUVE(PRETORIA, SOUTH AFRICA)
Still Waiting to graduate.

WEB DEVELOPER: WEB/APP DEVELOPER, EXPECTED IN JULY 2025
FNB ACADEMY :Online

- App Strategies
- GitHub and Collaboration
- The Software Development Live Cycle (SDLC)

- Principles of UX Design
- Design Thinking
- APIs, Data Input and Processing
- User Centric App Development
- Data Management and Analysis
- Business Development

HIGH SCHOOL CERTIFICATE: SEPEDI (HOME LANGUAGE), ENGLISH FAL, MATHEMATICS, GEOGRAPHY, LIFE SCIENCES, LIFE ORIENTATION, PHYSICAL SCIENCES
January 2019
MAHLANE HIGH SCHOOL

DISABILITY	NO DISABILITY
ALTERNATIVE CONTACT NUMBER	0730695260
PERSONAL INFORMATION	**Date of Birth: 2001/05/19** **Gender: Male** **Nationality: SOUTH AFRICA** **Driving License: No**
CRIMINAL RECORD	**NO**
REFERENCES	▪ASHLEY BALOYI, 4IR, SOFTWARE DEVELOPER, 0647905991 ▪TIYANI MANGANYI, 4IR, SOFTWARE DEVELOPER, 0608175627
CERTIFICATES	Machine Learning, Data science, Full stack Development.
PLAY AROUND CODING	**Solve Tiny, Fun Problems:** Forget scalability, monetization, or perfection. Focus on something small, quirky, or personally useful. **Try New Tech Stacks:** Pick a library, API, framework, or language I've never used *just before* **Visualize & interact:** Make the results tangible, either through an app UI or a simple Visualization.
LANGUAGES	**ENGLISH:** Advance **SEPEDI:** Proficient.