Hlavutelo Denrol Maluleke

Software Engineer

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PROFILE

As a software Engineer with comprehensive experience in programming, software and hardware implementations, IT support, and project management, I aim to leverage my skills and knowledge to contribute effectively to a dynamic team and drive successful project outcomes.

EDUCATION

Software Development & Data Analytics
Faith Mangope Technology And Leadership Institute

Jun 2024 – Dec 2024
johannesburg,
South Africa

Software Developer
IIE ROSEBANK COLLEGE

Jan 2021 – Dec 2023
Braamfontein,
South Africa

WeThinkCode
Computer Science 🔗

Jun 2023 – Jun 2023
johannesburg,
South Africa

- **Core Programming Skills**: Developed proficiency in Python, Java, and C, focusing on backend and frontend development.
- **Algorithmic Thinking**: Enhanced expertise in data structures, algorithms, and efficient coding practices through hands-on challenges.
- **Collaboration & Teamwork**: Worked on group projects simulating real-world software development environments, utilizing Git and version control.
- **Agile Methodologies**: Applied agile practices to manage and deliver projects within tight deadlines.
- **Problem-Solving**: Strengthened critical thinking and debugging skills through rigorous coding exercises.
- **Capstone Project**: Designed, developed, tested, and deployed a fully functional software solution, demonstrating end-to-end project development capabilities.

Matric
Hoerskool Carletonville

Jan 2015 – Dec 2020
Merafong, South Africa

PROFESSIONAL EXPERIENCE

Data Engineer   Sep 2024 – present
UVU AFRICA / CAPACITI   Johannesburg,
                                                                         South Africa

AI Data Trainer   Oct 2024 – present
Outlier
- Evaluate and refine AI language models to enhance accuracy, clarity, and
  safety.
- Analyze and identify situations where models produce incorrect or misleading
  information.
- Enhance models' understanding and responsiveness.
- Test models against real-world scenarios requiring precision (e.g., election
  information, compliance, consumer knowledge).
- Contribute to making AI interactions more reliable and human-like for users
  globally..

Data Analytics trainee   Jun 2023 – Oct 2023
The Faith Mangope Technology and Leadership Institute (FMTALI)   johannesburg,
                                                                         South Africa

- **Data-Driven Software Development**: Analyzed and interpreted data to inform
  software development decisions, ensuring alignment with user and business
  needs.

- **Software Design and Development**: Assisted in designing and developing
  software solutions by integrating data-driven insights to enhance functionality
  and performance.
- **Collaboration**: Worked closely with senior developers to refine software
  features, boost efficiency, and optimize system performance.
- **Data Preparation**: Conducted data collection, cleaning, and preprocessing tasks
  for analytical and development purposes, supporting informed decision-
  making.

Software Developer   Jul 2023 – Oct 2023
Afrika Tikkun   johannesburg,
                                                                         South Africa

TECHNICAL SKILL

Programming Languages:
- Java, Python, C, C#
- PHP, React

Web Development:
- HTML, CSS, JavaScript

Database Management:
- MySQL, SQL

TOOLS & TECHNOLOGIES

- **Development Environments:** Apache NetBeans, Android Studio, Visual Studio (2019, 2022), Visual studio
  Code
- **Cloud & DevOps:** Azure Labs, Azure DevOps

- **Version Control:** GitHub
- **Database Tools:** SQL Server Management Studio, WAMPSERVER
- **Design Tools:** Figma, Adobe XD, Sketch
- **Productivity:** Microsoft 365

CERTIFICATES

ABSA Financial Literacy Training ｜ Microsoft AI 900

LANGUAGES

English ● ● ● ● ○ Afrikaans

Xitsonga Setswana

Isizulu

EXTRACURRICULAR ACTIVITIES

- Developed and launched multiple personal projects in software development.
- Rugby: Participated in Junior & Senior Rugby, showcasing resilience and teamwork.
- Gym Enthusiast: Committed to personal development and excellence in physical and intellectual pursuits.
- Entrepreneurship: Operate a successful shoe business, handling product sourcing, inventory management, marketing, and customer service

SKILLS

: — Team Collaboration ｜ Cloud Computing: Azure ｜ Web & Mobile Development ｜ Problem Solving ｜ Data Analysis ｜ Continuous Learning ｜ Communication ｜ Research & Writing ｜ Presentation ｜ Project Management ｜ Version Control: GitHub

REFERENCES

1. **Gezani Daniel Maluleke**, *Plant Production Foreman,* DRD GOLD
Email Available on request, 0719471825

TAWANDA SITHOLE, *Fullstack Developer,* Discovery
Email Available on request, 068 507 7457