Olwethu Madubela

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Profile Summary

- Motivated IT graduate with a National Diploma in Information Technology and strong practical exposure to Artificial Intelligence concepts and tools. Experienced in building AI-driven prototypes, dashboards, and applications using no-code and API-based solutions. Passionate about responsible AI, data-driven decision-making, and continuous learning. Seeking a Junior role / Professional Internship opportunity to apply technical and analytical skills in a real-world environment.

Education

- **Walter Sisulu University**   2023
  N.dip in Information Technology

- **Cibeni High School**   2016
  National higher certificate

Experience

- **Capaciti**   28/10/2025 - Present
  Digital Associate(Software Developer)
  Aspiring Software Developer, I've built Dashboard using AI - powered solutions, web tools and prototypes, Engaging in structured software development training, building hands - on projects using coding and AI.

- **Department of Home Affairs**   22/01/2024 - 31/12/2024
  Indexer - Intern
  Digitizing admin staff, Analyzed variety of materials to fully understand and extract key concepts and information, optimizing searchability and enhancing content accessibility across digital platforms.

Skills

- Artificial Intelligence Fundamentals
- Prompt Engineering & No-Code AI Tool
- API Integration (GPT-based APIs)
- Data Analysis & Visualization
- Java, HTML, CSS, JavaScript
- SQL & Database Concepts
- MS Office Suite(Excel, Word, PowerPoint)
- Teamwork, Communication
- Problem-solving skills

Professional Attributes

- Eager to apply theoretical knowledge in real-world IT environments
- Strong interest in software development, system administration, and networking
- Ability to adapt quickly to new tools and technologies
- Dedicated, reliable, and motivated to learn

Projects

- **AI Chatbot**
  Built a no-code chatbot capable of answering basic AI-related questions, gaining understanding of AI concepts and conversational logic.
- **Bias Audit Report**
  Conducted bias and fairness assessments using AI fairness tools, created visual reports, and presented findings on responsible AI use.
- **AI Content Generator**
  Created a content generation tool capable of producing text, images, and code. Practiced prompt engineering and result optimization.
- **AI Resume Builder**
  Built a resume generation application using GPT-based APIs, gaining

hands-on experience with APIs and AI limitations in real-world use cases.

- **Sentiment Analysis Dashboard**
  Designed a dashboard to classify text sentiment and validate
  results against manual analysis, improving understanding of ML workflows and accuracy testing.

Additional Projects

- Inventory Management System (Java) – Desktop application for stock control using OOP principles.
- Personal Portfolio Website – Responsive website showcasing projects and technical skills.

Reference

- Available upon request.