Inga Maholwana

060-764-3022 | Cape Town | ingamaholwana@gmail.com | https://www.linkedin.com/in/inga-maholwana/ |
https://github.com/IngaMaholwana | https://ingamaholwana.github.io/portfolio/ | Fullstack developer

EDUCATION

Wethinkcode   Cape Town, South Africa
Higher Certificate information Technology Systems Development   *Completed – Dec 2024*

University Of The Western Cape   Cape Town, South Africa
Bachelor of law LLB   *Expected – May 2028*

CERTIFICATIONS

Comptia Data plus   October 2025 - October 2028
CompTia   *RCK1NR8QVMRE161J*

GenAI   June 2025 - June 2028
Wethinkcode GenAi Certificate

Google Advanced Data Analytics Certificate
Google Advanced Data Analytics Certificate

Google Cybersecurity Certificate
Google Cybersecurity Certificate

EXPERIENCE

Software development intern   Present
Mandela Legacy pty ltd   *Cape Town, South Africa*
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Data analyst associate   Jan 2025 - OCT 2025
Capaciti   *Cape Town, South Africa*
- Extracted, transformed, and loaded HR data into company databases using Python and R Studio. Developed interactive dashboards in Power BI, Tableau, and Excel to visualize HR metrics and business performance. Cleaned and validated large datasets to ensure accuracy and consistency across HR systems. Streamlined onboarding/offboarding processes for labor brokers and aligned workflows across distribution centers. Identified opportunities for automation and process standardization to improve operational efficiency.

Administrative Clerk   Dec 2019 – Oct 2020
Tshaka Scholar Transportation   *Cape Town, South Africa*
- Maintained detailed Excel-based spreadsheets to track vehicle performance, driver schedules, and route efficiency. Produced analytical reports highlighting trends Executed daily banking operations, including transaction verification and reconciliations, ensuring financial transparency and compliance.

PROJECTS

LineOfThought |*RubyOnRails, PostgreSQL, Devise, Letter Opener, RSpec, Capybara, Guard, Faker, FactoryBot, YAML, Docke*
- Built a minimalist social media app where users can use their github account to sign up or sign up conventionally
- Allowed users to create group chats and send messages to the friends they are following or added. Have full control of their profile change their pictures online status.
- Deployed application to railway for the integrated database hosting and automatic HTTPS and custom domain.

Seoul Average Bike Rental | *R, Jupyter Notebook, public tableau*
- Conducted end-to-end analysis on over 200,000 bike-share trip records identify behavioral patterns between casual riders and annual members.
- Communicated the difference between member and casual subscriptions and peak periods for the casual bike renters.

uGrandjojo | *Microsoft, Open AI, Vs-code, TypeScript, CSS*

- Created a Vs-code extension in the Microsoft Ai for good 48 hour hackthon. The extension leverages chatgpt 3.5turbo to handle the sprite actions when a developer or student is being productive and uses code sense and chat function to help deal with impostor syndrome and they can choose a sprite persona help them, give feedback when the user requests.
- The extension is live in Vs-code market place the persona file checks for any harmful speech that user might be sharing with the ai agent and will connect to the Cape Mental Health for a professional and the chat will move over from ai to mental health professional. Code sense or code read is performed once the user agrees and it will assist them to the best of the agent ability. The sprite perform tricks if on idle.

TECHNICAL SKILLS

Soft Skills:Communication, collaboration, leadership, problem solving, adaptability, creativity, time management, emotional intelligence.
Programming Languages:Python, Java, Ruby, JavaScript, TypeScript, Delphi Pascal, C sharp, React, C++, C, Rust.
Data analytics:PostgreSQL, MySQL, MongoDB, Plotly, Dash, Waffles, WordCloud, Pandas, NumPy, Matplotlib, Seaborn.
Platforms:Git, GitHub/GitLab, GitHub Actions Excel, PowerBi, Tableau, IBM Cognos, AWS, Microsoft Azure, Docker, Linux.
Testing:RSpec, Capybara, FactoryBot, Junit, Mockito, Jest, Selenium, Pytest, Unittest, react developer tool.
DevOps/Build:Maven, Gradle, Git, Github Actions, Docker, Kubernetes, AWS, Azure.
Libraries:Django, Flask, Spring Boot, Ruby on Rails, Thymeleaf, JWT, OAuth2.