

# Inga Maholwana

060-764-3022 | [ingamaholwana@gmail.com](mailto:ingamaholwana@gmail.com) | <https://www.linkedin.com/in/inga-maholwana/> | <https://github.com/IngaMaholwana> | full stack developer

## EDUCATION

### Wethinkcode

*Higher Certificate information Technology Systems Development*

Cape Town, South Africa

*Completed – Dec 2024*

### University Of The Western Cape

*Bachelor of law LLB*

Cape Town, South Africa

*Expected – May 2028*

### GenAI

*Wethinkcode GenAi Certificate*

### Google Advanced Data Analytics Certificate

*Google Advanced Data Analytics Certificate*

### Google Cybersecurity Certificate

*Google Cybersecurity Certificate*

## EXPERIENCE

### Data analyst associate

*CAPACITI*

present

*Cape Town, South Africa*

- Acquire, clean, and validate structured and unstructured datasets to ensure accuracy, consistency, and completeness. Perform exploratory data analysis and statistical testing, including confidence interval calculation and hypothesis testing. Prepared insights and visualisations to support decision-making processes

### Administrative Clerk

*Tshaka Scholar Transportation*

Dec 2019 – Oct 2020

*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 | *Ruby On Rails, Ruby, PostgreSQL, JavaScript, CSS, Docker, HTML, Websocket*

- Built a full stack messaging application complete with user authorisation, creation and customisation of profile, sending messages and images and sharing to each other and commenting on posts realtime.
- Allowed users to create and send messages in group chats and have a friends list that users can add and see who is online.

### 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, JavaScript CSS*

- Microsoft SA AI for good hackathon created vscode extension to help developers with ai sprite companion to read, chat and offer advice on the code when asked too.
- Used chatgpt 3.5turbo to both handle the sprite actions and personas and code read feedback and suggestions.

## TECHNICAL SKILLS

**Skills:** Communication, Time Management, Critical Thinking, Flexibility, Team Collaboration, Attention to Detail, Active Listening, Problem Solving, Eagerness to Learn, Data minig, Descriptive Statistics, Visualisation, Ai literacy.

**Languages:** Python, Java, R, C++, Ruby, .NET, JavaScript, TypeScript, SQL.

**Platforms:** Excel, PowerBi, Tableau, IBM Cognos, Git/Github, AWS, Microsoft Azure, Docker, Linux.

**Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Django, Flask, Spring Boot, Ruby on Rails, Thymeleaf, Unittest, JUnit, Selenium, Pytest, RSpec, Jest.