



Mr Kabelo Peter Matlakala

Jnr Software Developer | AI Enthusiast

✉ matlakalakabelo1@gmail.com ☎ +27 72 713 8367

📍 South Africa, Polokwane 🌐 Kabelo (Peter) Matlakala

🔗 <https://github.com/DeLightPlus>

Creative and detail-oriented BSc Mathematical Science graduate with a focus on **Computer Science and Applied Mathematics**.

Skilled in **Python, JavaScript, Node.js, Django, and SQL/NoSQL databases**. Experienced in building **RESTful APIs, full-stack applications, and AI-powered solutions** through hands-on projects at **mLab CodeTribe Academy** and **PLP Academy**.

Passionate about developing innovative, user-focused applications that solve real-world problems.

EDUCATION

BSc in Mathematical Science,

University of Limpopo

2016 – 2024 | Polokwane, South Africa

- Focused on **algorithms, data structures, and programming** (C++, Java, JavaScript, HTML, CSS, PHP, MySQL).
- Developed analytical thinking through applied mathematical problem-solving.

SKILLS

Languages & Frameworks

Python, JavaScript, SQL, HTML, CSS, Node.js, Express, Django, React.js, React Native, Streamlit

Machine Learning & Data Science

scikit-learn, pandas, seaborn, spaCy, EDA, regression, classification, time series

Tools

Git & GitHub, Postman, Jupyter, VS Code, Trello, Notion, Slack

Databases

MySQL, PostgreSQL, MongoDB, Firebase

APIs & Architecture

RESTful APIs, backend integration, cloud-hosted environments

PROFESSIONAL EXPERIENCE

Computer Laboratory Student Assistant,

University of Limpopo, ICT

Assisted students with computer lab activities and provided technical support

July 2022 –
December 2022
Polokwane

Software Developer Trainee, mLab, CodeTribe-Academy

Specializing specializing in **React.js**, **Node.js**, and modern web technologies.

March 2024 –
March 2025
Polokwane

AI Engineering Intern, PLP Academy

- Iris Classification, MNIST Digit Recognition, NER & Sentiment NLP
- Data Cleaning, EDA, House Price Regression, Time Series Forecasting
- AI Toolkit Mastery App [↗](#)
- ML Sandbox App [↗](#)

July 2025
Remote

PROJECTS

mLab CodeTribe Projects,

Introduction To ReactJS, Native and Node.Js

March 2024 – March 2025

- Weather App (openweathermap api) | React & Native
- TodoList App (mysqlite3) | React.Js
- Hotel Booking App | React.Js
- Restaurant-Reservation App (MERN) | React Native
- Map-Server (Node.js)

AI Toolkit Mastery App,

mastering-ai-toolkit-g57.streamlit.app

An interactive toolkit featuring:

- Iris Classification
- MNIST Digit Recognition
- NLP Tasks (NER, Sentiment Analysis) **Tech Stack:** Python, Streamlit, scikit-learn, spaCy

ML Sandbox Explorer,

ai4se-ml-sandbox.streamlit.app

Completed end-to-end ML tasks including:

- Web scraping, Data Cleaning, Exploratory Data Analysis
- Regression models for House Price Prediction
- Time Series Forecasting **Tools:** Python, Pandas, Seaborn, scikit-learn

COURSES

AI for Software Engineering (Python), PLP Academy

July 2025

- Developed backend apps using **Django** and **Python**.
- Applied machine learning concepts to real data using libraries like **scikit-learn**, **pandas**, and **NumPy**.
- Strengthened knowledge of API development and data preprocessing.

Remote

Software Development Learnership, mLab CodeTribe Academy

March 2025

- Built and maintained RESTful API endpoints using **Node.js**, integrated with **MySQL**, **MongoDB**, **Firebase**, and **Supabase**.
- Practiced Agile workflows and team-based software delivery.
- Used Git for version control and collaborated with frontend teams.
- Worked on real-world mobile/web application projects.

Polokwane

REFERENCES

ICT lab assistance, *student lab assistance*, University of Limpopo

Refilwe Makgotho, *CodeTribe2024/2025 Facilitator*, mLab, CodeTribe Academy
refilwe@mlab.co.za, +27 74 768 8475

Mr evans mutuku, *Python ModuleLead*, PLP Academy
evans@powerlearnprojectafrica.org, +254 732 408291