



THABANG MALEKA

Junior Digital Advisory Specialist

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📅 05/05/2000 🇿🇦 South Africa 🧑 single 🚗 None 🧑 Male

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Profile

I am a dedicated and passionate individual with a Bachelor of Science degree in Mathematics and Computer Science from the University of Limpopo. With hands-on experience gained through an internship with the Microsoft Graduate AI & Data Science Program and my current role as a Junior Digital Advisory Specialist at GIJIMA, I have developed a strong foundation in leveraging modern technologies to create innovative solutions.

I excel in collaborative environments, bringing a positive attitude, adaptability, and a passion for teamwork to every project. My commitment to problem-solving and innovation enables me to approach challenges with both creativity and analytical precision. With a keen interest in supporting data-driven decision-making and developing impactful software, I am motivated to contribute to industries that prioritize growth and creativity. My goal is to make meaningful contributions by driving technological advancements that solve complex problems and deliver value.

Education

Bachelor's Degree, Mpilo senior Secondary school 2013 – 2018
Subjects: Sepedi HL, English FAL, Life Orientation, Mathematics, Life Sciences, Physical Sciences, Agricultural Sciences . Jane Furse, South Africa

Bachelor of science (BSc in Mathematics and Computer science), 2019 – 2022
University of Limpopo Polokwane, South Africa
Completed Modules: Introduction to database, Operating system, Artificial Intelligence, computer networks, Mathematical Analysis I , Mathematical Analysis II , Complex Analysis and Abstract Algebra.

Honours Science (Computer Sci), University of Limpopo 01/2023
Completed Modules: Software Engineering, Database, Computer Security and Computer Networks Polokwane, South Africa
Outstanding Modules: Research Project

Bachelor of Science Honours in Computing, University of south africa 01/2025 – present
Outstanding Modules : Research Methods and Proposal, Machine Learning, Natural Language Processing, Formal Logic, Software Project Management, Enterprise Architecture, Information Security. Gauteng, South Africa

Skills

→ FastAPI	● ● ● ● ●	→ Python	● ● ● ● ●
→ Power BI	● ● ● ● ●	→ React & React Native	● ● ● ● ●
→ Linux Operating System	● ● ● ● ●	→ HTML, CSS & JavaScript	● ● ● ● ●
→ .NET (C#)	● ● ● ● ●	→ Large Language Models (LLMs)	● ● ● ● ●
→ Microsoft SQL server	● ● ● ● ●	→ Machine Learning	● ● ● ● ●
→ Microsoft Exel	● ● ● ● ●	→ ETL Tools	● ● ● ● ●
→ Microsoft Azure	● ● ● ● ●		

Projects

Retrieval Augmented Generation Chatbot Developed a web and mobile chatbot application using Large Language Models and Retrieval-Augmented Generation. The backend is built with Python, while the frontend uses React and React Native. The application uses FAISS as the vector database.	04/2024 – 06/2024
E-Commerce Webside Developed a seller and buyer webside to facilitate transactions and provide a user friendly experience. Is developed using HTML, CSS and javascript and Developed a database using XAMPP.	07/2023 – 10/2023
DNS Server Developed a DNS server using Linux and implemented security measures including a firewall, SSH, and DNSSEC.	07/2023 – 10/2023
Business Intelligent System Developed a busines intelligent system that facilitates visualization using Pentaho for ELT tools, SQL server to host the AdventureWorks2019 database, and python for coding.	02/2023 – 04/2023
Router Developed a router using linux that facilitates connections and communucation between nodes, and protected it using firewall and authorization.	02/2023 – 04/2023
Library Management System The system provides a user friendly experience for students and library staff. It helps with inventory management, offers access to a digital liabrary, and allows users to leave reviews and ratings.	02/2022 – 10/2022

Certificates

→ Microsoft Azure Data Fundermentals Certificate	→ Microsoft Azure Fundermentals Certificate	→ Microsoft Power BI Data Analyst Associate Certificate
→ Microsoft Azure Data Scientist Associate	→ Microsoft Azure AI Engineer Associate	

Professional Experience

Microsoft AI and Data Science Intern, Gijima Gijima is a leader in Cloud, Outsourcing, System Intergration, Healthcare, Human Capital & Occupational Hygiene, Training, Cybersecurity, Unified Communication and more.	02/2024 – 07/2024 Midrand, South Africa
Junior Digital Advisory Specialist, Gijima Gijima is a leader in Cloud, Outsourcing, System Intergration, Healthcare, Human Capital & Occupational Hygiene, Training, Cybersecurity, Unified Communication and more.	08/2024 Midrand, South africa

Languages

- English
- Sepedi
- IsiNdebele

References

Prof. Mthulisi Velempini, *Lecture*, University of Limpopo
mthulisi.velempini@ul.ac.za

Mr. Simon Ramalepe, *Lecture*, University of Limpopo
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Mrs. Nadine Olivier, *HCM Project Manager*, Gijima
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Mr Choeumarema Matabane, *Principal*, Mpilo senior secondary school
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Mr. Vishal Mahabeer, *Data Scientist & Consultant*, Gijima
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