Amohelang Mohlomi *Junior Software Engineer*

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📍 Johannesburg, Gauteng, South Africa

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🔗 amohelangmohlomi.netlify.app

📅 30 June 2005

⚥ Female

Profile

As a Software Engineering student majoring in Data Engineering, I'm passionate about building intelligent, scalable systems powered by data and AI. With a keen interest in Artificial Intelligence and Machine Learning, I focus on developing solutions that drive innovation across domains like smart security, home automation, and predictive healthcare. My background in Human Resources Management gives me a unique advantage in designing systems that are not only technically robust but also deeply user-focused. I believe AI and data can shape powerful stories — and I'm here to help write them.

Education

09/2024 – Present Johannesburg, South Africa	**Diploma in Software Engineering** *WeThinkCode_*
01/2023 – 06/2024 Free State, South Africa	**N6 Human Resources Management** *Maluti TVET College*

Professional Experience

09/2025 – Present Johannesburg, South Africa	**Technical Mentor** *WeThinkCode_* As a Technical Mentor, I provide technical guidance and support to the new cohort of students, helping them navigate their coursework and develop essential skills in software development. I am working closely with students, providing one-on-one mentorship, and feedback to ensure they achieve their full potential.
03/2025 – Present Johannesburg, South Africa	**Workshop Coordinator** *WomenThinkCode, WeThinkCode_* I am responsible for planning and facilitating workshops, arrange speakers, resources and venues and also align the workshops with committee goals.
05/2025 – 08/2025 Johannesburg, South Africa	**Bootcamp Assisstant** *WeThinkCode_* I was responsible for assisting the bootcampers with technical support.

Skills

Python	●●●●●		Java	●●●●○
SQL	●●●●●		TypeScript	●●●○○
JavaScript	●●●○○		HTML	●●●●●
CSS	●●●●●		Flask	●●●●●
Docker	●●●●○		Git	●●●●●
MS Excel	●●●●●		MS Access	●●●●●
MS Word	●●●●●		MS Powerpoint	●●●●●
Jupyter Notebook	●●●●●		MySQL	●●●●○

Languages

- English
- Sesotho
- Afrikaans

Certificates

- GenAI for Software Engineering - WeThinkCode_
- Microsoft AI Fluency - Microsoft
- AWS Educate Machine Learning Foundations - AWS Educate
- Python for Data Science - IBM

Projects

09/2025 – 10/2025 **BudgetFlow**
BudgetFlow is a smart personal budgeting web application that helps you track your expenses, build monthly budgets, and stay on top of your financial goals — all in one place. With category-based expense tracking, insightful graphs, and AI-powered financial advice from Penny, your friendly budgeting assistant, BudgetFlow is your personal financial.

08/2025 – 09/2025 **IntervAI**
IntervAI is an interactive interview preparation app that helps users practice answering common interview questions. It fetches questions from a SQLite database (questions.db), then displays them one by one. Users can respond via voice input or text input, and the app provides real-time feedback and tips to help improve their answers.

03/2025 – 09/2025 **BrainBloom (Group Project)**
BrainBloom is an intelligent, AI-driven study assistant web application built to empower learners by promoting critical thinking, self-paced learning, and meaningful collaboration.

09/2025 – 10/2025 **Personal Website**
My personal portfolio website built with HTML, CSS, and JavaScript, designed to showcase my projects, educational background, certifications, and technical skills. This site serves as a central hub for exploring my work and learning more about my background as a developer.
Deployment: Netlify

Interests

- Artificial Intelligence
- Predictive Analytics in Healthcare
- Machine Learning
- Storytelling Through Data
- Smart Home Automation & IoT Systems

References

References vailable upon request