

Gomolemo Motlhamme

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Software Developer

A motivated and detail-oriented **Software Development** with sound technical proficiency in **Python, Java**, and a variety of **web technologies**, as well as versatility in both **backend and full stack development** roles. I possess hands-on experience in **developing robust applications** that enhance information gathering and **boost user engagement** through innovative solutions. Throughout my academic and project experiences, I have demonstrated **strong problem-solving abilities** and **effective communication** skills, enabling me to deliver **high-quality software solutions**. In addition to my technical skills, I am skilled in using **Azure, Git, HTML & CSS, .NET, MySQL, C#, CI/CD**, and **PostgreSQL**. My education has equipped me with a solid foundation in **software development**, supported by certifications in **IT Systems Development, JavaScript, Python**, and **HTML & CSS**. These skills have been further honed through projects such as a **personalized portfolio website**, a **Java-based math quiz game**, and a **desktop application** for trade journaling. Eager to bring my enthusiasm, technical expertise, and a collaborative spirit to a dynamic team where I can contribute to innovative projects and further develop my skills. I am confident that my background and dedication make me a valuable addition to any tech-focused organization.

Core Strengths

- Programming Language
- Web Development
- Database Management
- Development Tools and Platforms Proficiency
- Team Collaboration
- Software Development Practices
- Creativity and Innovation
- APIs and Integrations
- Active Listening
- Desktop Applications
- IT Systems Development
- Adaptability and Innovation
- Continuous Learning and Growth Mindset
- Problem Solving and Decision-Making
- Multitasking and Prioritisation
- Research
- Technical Troubleshooting
- Discipline and Self-Motivation
- Cloud Platforms Proficiency
- Attention To Detail
- Frontend and Backend Frameworks

Educational Background

Diploma in Software Development Potchefstroom, North West | CTU Training Solutions | 2024

National Certificate: IT Systems Development

Microsoft Certificate: JavaScript

Microsoft Certificate: Python

Microsoft Certificate: HTML & CSS

National Senior Certificate Klerksdorp, North West | Klerksdorp Secondary School | 2020

Professional Experience

Despite not having formal work experience, I have leveraged my educational background and passion for learning to develop several impactful tasks. Through these initiatives, I have honed my skills in software development, particularly in backend and full stack roles, demonstrating my ability to deliver effective and innovative solutions. I have effectively executed the following;

FinanceIO | Full Stack Developer

Technologies Used: Python, Django, Front-end technologies

- Identified a need to better analyze finance spending and developed a full stack expense tracker to manage individual expenses using the 50/20/30 methodology.
- Successfully improved financial spending analysis by 75%, leading to more efficient personal finance management.

CHAT ASSIST | Back-end Developer

Technologies Used: Python, Django, Front-end technologies, ChatGPT API

- Addressed the need for quicker and more informed access to information on health, finance, and education.
- Implemented the ChatGPT API with Django as the backend framework, enhancing the efficiency of information retrieval.
- Achieved an 80% improvement in overall information gathering, significantly reducing the time needed to obtain relevant data.

WeatherIO | Back-end Developer

Technologies Used: Python, Django, Front-end technologies, OpenWeatherMap API

- Developed a user-friendly weather application in Django, integrating the OpenWeatherMap API to provide real-time weather updates.
- Enhanced user satisfaction and engagement by offering an intuitive and reliable weather information platform.

Projects

Developed a personalized portfolio website using HTML, CSS, and JavaScript to showcase a variety of projects, resulting in a professional online presence and increased visibility to potential employers.

[\[https://gomolemo-m-motlhamme.github.io/\]](https://gomolemo-m-motlhamme.github.io/)

Created **Quiz Math**, a Java-based math quiz game to test users' ability to perform quick math calculations on the fly, utilizing Java and Swing for GUI development, which improved user engagement and problem-solving speed.

Developed a desktop application (**TRADELOG**) in Java for journaling and analyzing trades, utilizing JavaFX for the user interface and JDBC for database connectivity, which enhanced users' ability to track and evaluate their trading performance effectively.