

# TLOKOTSE MOGUDI

## FULL-STACK DEVELOPER



---

### PROFILE

A developer and motivated IT graduate with a Diploma in Software Development from Tshwane University of Technology. Skilled in building full-stack web applications and software solutions using languages and tools such as Java, JavaScript, Python, SQL, Docker, and Git. Currently exploring and developing skills in PHP using the Laravel framework. Known for strong problem-solving abilities, adaptability, and a commitment to continuous learning. Seeking an opportunity to grow and apply my technical skills in a dynamic and innovative ICT environment.

---

### WORK EXPERIENCE

#### SOFTWARE ENGINEER

##### **Internmatch South Africa (Pty) Ltd**

*March 2025 - Current*

- Building and maintaining web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) and Laravel.
- Contributing to both front-end and back-end development, API integration, and feature implementation in a collaborative team environment.

#### SOFTWARE DEVELOPER INTERN

##### **Integrators of Systems Technology (IST)**

*September 2024 - February 2025*

- Developed and configured ThingsBoard Gateway for IoT data management.
  - Integrated MQTT, SNMP, and HTTP protocols for device communication.
  - Deployed and managed services using Docker, WSL2, and Python Virtual Environments.
  - Developed and maintained custom connectors and optimized IoT data flow.
  - Used Git and GitHub for version control and collaboration.
- 

### QUALIFICATIONS

#### **Tshwane University of Technology**

*2024-Current*

Advanced Diploma in Computer Science

#### **Tshwane University of Technology**

*2019-2023*

N-Dip Information Technology

# TLOKOTSE MOGUDI

## FULL-STACK DEVELOPER



---

### TECHNICAL SKILLS

- Programming Languages: C++, Python, Java, JavaScript, SQL (MySQL), PHP(Laravel)
- Web Development: HTML, CSS, JavaScript, Bootstrap
- Data Analysis Tools: Power BI, Excel, SQL, Python
- Version Control: Git
- IDEs/Tools: Visual Studio / Visual Studio Code / Docker
- Debugging and Testing

### SOFT SKILLS

- Problem-solving
- Analytical thinking
- Adaptability and willingness to learn
- Team collaboration
- Effective communication
- Time management / Handling multiple tasks
- Attention to detail
- Commitment to continuous learning
- Quality-focused development

---

### REFERENCES

- Daphney Mothloki - City Power Data Analytics Manager  
(072-601-0717)
- Henk Bredell - IST Business Unit Head  
(082-499-5816)
- Isaac Lehlabula - TUT Software Development Mentor  
(060-684-3498)
- Lakie Mokoena - TUT Student Assistant  
(012-382-9022)