

# TLOKOTSE MOGUDI

## FULL-STACK DEVELOPER



064 976 7622  
063 334 0645



tlkotsemogudi@gmail.com



2699 Ngayakaya Street  
Gem Valley, Pretoria 0122

### PROFILE

I am a full-stack developer specializing in building scalable and secure applications using Node.js, NestJS, PHP (Laravel), JavaScript, SQL, Docker, and Git. I focus on creating efficient backend solutions, integrating services, and optimizing workflows with modern frameworks and deployment tools. I'm passionate about continuously improving my skills in backend development and delivering high-performance, reliable software. I'm known for my problem-solving mindset, adaptability, and dedication to creating impactful solutions. I'm seeking to contribute and grow in a dynamic ICT environment.

### WORK EXPERIENCE

#### SOFTWARE ENGINEER

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

*March 2025 - Current*

- Developing full-stack web applications with MERN, NestJS, TypeScript, PostgreSQL, MongoDB and Laravel.
- Building RESTful APIs, integrating services, and enhancing responsive front-end UIs.
- Deploying applications with Docker, Render, Netlify, and automating workflows via GitHub Actions.
- Applying Agile practices with Kanban/Trello and ensuring quality through Postman.

#### SOFTWARE DEVELOPER INTERN

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

*March 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.

#### DATA ANALYST GIT

##### **City Power Johannesburg**

*December 2022 - December 2023*

- Collected, analyzed, and interpreted large datasets to provide actionable insights to improve operational efficiencies.
- Assisted in automating data reporting processes, enhancing decision-making across departments.
- Collaborated with IT and business units to implement data solutions.
- Tools used: SQL, Excel, Power BI

# TLOKOTSE MOGUDI

## FULL-STACK DEVELOPER



---

### QUALIFICATIONS

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

2024-Current

Advanced Diploma in Computer Science

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

2019-2023

N-Dip Information Technology

---

### TECHNICAL SKILLS

- Programming Languages: C++, Python, Java, JavaScript, TypeScript, SQL (MySQL, PostgreSQL), PHP (Laravel)
- Frontend Development: HTML, CSS, React
- Backend Development: Node.js, Express.js, NestJS, PHP (Laravel)
- Databases: MySQL, PostgreSQL, MongoDB
- Data Analysis: Power BI, Excel, SQL, Python (Pandas, NumPy, Matplotlib)
- Version Control: Git, GitHub
- Deployment: Docker, Render, Netlify
- Project Management & Collaboration: Agile Methodology, Kanban Boards, Trello
- Debugging & Testing: Postman, Unit 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
  - Creativity & Innovation
  - Emotional Intelligence
- 

### REFERENCES

- Daphney Mothloki - City Power Data Analytics Manager  
(072-601-0717)
- Henk Bredell - IST Business Unit Head  
(082-499-5816)
- Lakie Mokoena - TUT Student Assistant  
(012-382-9022)