TLOKOTSE MOGUDI

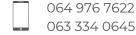
FULL-STACK DEVELOPER















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

Internmatch 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

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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 Bl, 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)