

MARKUS FOURIE

SOFTWARE DEVELOPER

SOUTH AFRICA / UK | ✉ MARKUSFOURIE@ICLOUD.COM | [GITHUB.COM/THPEDALINGDEV](https://github.com/THPEDALINGDEV) | [WWW.LINKEDIN.COM/IN/MARKUS-FOURIE](https://www.linkedin.com/in/markus-fourie)

Professional Summary

Final-year IT student and full-stack software developer specializing in systems design and maintenance. Experienced in developing scalable web and enterprise solutions, including the Rimitso RMS and Afrisist Alarm Dashboard. Always focused on building high-quality, performance-driven systems and mentoring others as a former Varsity College student tutor.

Professional Experience

Software Developer – Rimitso Mining Services – *Resource Management System (RMS)*

2024 – Present

- Architecting and developing an enterprise-grade asset management and operations system using C# and SQL Server. Implemented a complete multi-role access control system, and Tailwind-styled administrative Dashboards communicating to a RESTful backend API with its own Swagger documentation.
- Working with Rimitso Mining Services to automate and speed up business workflows across multiple sites, improving assets tracking efficiency and ensuring data consistency and reliability.

Software Developer – Afrisist – *Vehicle Alarm Monitoring Dashboard*

2025 – Limited Duration Project

- Developed a modern React + Node.js + Supabase(self-hosted) web application alongside a colleague for real-time vehicle alarm handling, using cron jobs, webhooks, and Supabase real-time events for user assignment automation and status updates.
- Designed an intuitive UI/UX with animated dashboards, live data streams, and modular backend APIs for scalability.

Student Tutor – Varsity College

2023– 2025

- Supported undergraduate first year students in IT and software development subjects, with a focus on application design, full-stack logic, and project structuring.
- Conducted one-on-one sessions to improve academic performance of students who are struggling with certain modules.

Education

Bachelor of Science in Information Technology – Application Development

Expected Graduation: End of 2025

Varsity College

- *Expected to be received *Cum Laude*, passing 19 of 20 completed modules with distinctions.
- 3 Modules of BSc. degree remaining, in final semester up to November 2025.
- Invited and joined as member of “*Golden Key International Honour Society*” in 2025.

Bachelor of Science in Physics and Mathematics

2020 - 2021

NWU – POTCHEFSTROOM

- Passed 8 semester subjects, including 1 distinction.
- To be continued.

Core Technical Skills

Languages: HTML, CSS, JavaScript, TypeScript, C#, Java, Kotlin, SQL

Frameworks & Tools: React, Node.js, Express, .NET Core, Tailwind CSS, Docker, Azure, Supabase, Linux Server

Databases: PostgreSQL, SQL Server, Firebase, MongoDB

Other: Git, RESTful API Design, DaisyUI.