

OBAKENG SHEPHERD TSAAGANE

SOFTWARE DEVELOPER

Gauteng, Pretoria | 067 630 8354 | obaketsaagane@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Education

Diploma in Information Technology 2022 - Present
Belgium Campus ITversity, Pretoria, South Africa
Software Development, Web Development | Databases

National Senior Certificate 2015
Reitumetse Secondary School, Pretoria, South Africa

Skills & abilities

- **Languages:** C#, Python, TypeScript, JavaScript, SQL
- **Frameworks:** .NET 8, ASP.NET Core Web API, React, Entity Framework Core
- **Databases:** SQL Server, PostgreSQL, MySQL, NoSQL
- **Data & BI:** Power BI, ETL Pipelines, Analytics Dashboards
- **Security:** JWT, OAuth2, RBAC, Secure API Design, Audit Logging
- **DevOps & Tools:** Docker, GitHub Actions, Git, Postman, Serilog, xUnit, HTTPS

Personal Project

Fintech Core Banking & Compliance Platform — Systems Architect & Lead Engineer
Tech: .NET 8, SQL Server, Power BI, Docker, JWT

Business Intelligence & Reporting Platform — Data Platform Engineer
Tech: SQL Server, Power BI, Python

Agency Operations & Client Management Platform — Full-Stack Systems Engineer
Tech: Next.js, APIs, PostgreSQL

AI-Powered Business Automation Engine — Automation Systems Engineer
Tech: Python, APIs, LLMs, Docker

Certificates and Achievements

FNB App Academy Certificate July 2025

Work Experience

Systems Engineer & Platform Architect – Independent / Freelance 2026 – Present

- Design and build scalable backend systems, fintech platforms, data intelligence solutions, and AI-powered automation tools for businesses and startups.
- Focus on security, compliance, scalability, and business outcomes.