

# OBAKENG SHEPHERD TSAAGANE

SOFTWARE DEVELOPER

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

## Education

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

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

## Skills & abilities

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- **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

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**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

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**FNB App Academy Certificate** July 2025

## Work Experience

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**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.