

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# (.NET 8), JavaScript (ES6+), TypeScript, SQL, NoSQL
- **Frameworks/Libraries:** ASP.NET Core Web API, Entity Framework Core, React (Hooks, Context), JWT, Chart.js/Recharts
- **Tools:** Git/GitHub, Docker, VS Code, xUnit, Serilog, Postman
- **Databases:** SQL Server (EF Core Migrations, LINQ, Views)
- **Platforms:** Render, Vercel/Netlify, GitHub Actions CI/CD, HTTPS

Personal Project

InsurancePlatform – Full-Stack Insurance SaaS August - December 2025

- Built .NET 8 Web API with clean architecture, EF Core (SQL Server), JWT role-based auth (Customers/Agents/Admins), and CRUD for policies (Life/Auto/Health/Property)
- Developed React dashboard with Chart.js analytics, file uploads, and real-time features; Integrated underwriting engine, claims workflow, payments (mock Stripe), fraud rules, and notifications
- Deployed backend (Render) and frontend (Vercel) with GitHub Actions CI/CD; Added Serilog logging, unit tests (xUnit), ERD/data flow diagrams, and Azure migration-ready structure (containerized, modular)

Certificates and Achievements

FNB App Academy Certificate July 2025

- Gained hands-on experience in Full-Stack Development, Backend Engineering, and Agile Practices.

Work Experience

Ocean Basket Wholesale – Picker and Packer March 2018 – May 2019
Barko Loans – Security, Video Analysis September 2021 – February 2022
Nando's Broadacres - Back of House Griller April 2022 – July 2022