

# 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# (.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

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**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

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**FNB App Academy Certificate** **July 2025**

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

## Work Experience

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