



Fraser Wilson

Senior Software Developer

Contact

Phone

076 074 9726

Email

fraswilson@gmail.com

Education

2017 - 2019

**Bachelor of Science in
Computer Science and IT**

North West University - Potchefstroom

2020

**Bachelor of Science Hons in IT
Computer Science**

North West University - Potchefstroom

Expertise

- Full-stack development (C#, .NET 8, Vue.js, Angular, Flutter)
- Backend API design & integration
- Mobile app development (Flutter, Swift, Kotlin, Java)
- Cloud & DevOps (Docker, AWS, Azure, MinIO)
- Database design & optimisation (PostgreSQL, SQLite, Entity Framework)
- Offline-first mobile application architecture & data syncing
- Third-party service integration (Microsoft Graph API, Mapbox, Salesforce, HMS Core, Google Play Services)
- Authentication & security (Microsoft Entra ID, Firebase authentication)
- Geolocation & geofencing solutions (Android & iOS)
- Technical project leadership & stakeholder communication
- Requirements gathering & solution architecture
- Troubleshooting & performance optimisation
- Client onboarding & product handover processes
- Technical documentation & training

Experience

2021 - Present

Retro Rabbit | 3, Diep in Die Berg, Wapadrand

Software Developer Consultant

At Retro Rabbit, I have delivered innovative solutions across multiple industries as a Software Developer Consultant. Beginning as a Graduate Developer in 2021, I advanced to Junior Developer within the insurance sector, contributing to projects for Telesure Investment Holdings (TIH) over a two-year period before being promoted to Intermediate Developer. I then transitioned to the healthcare sector, working with Discovery Vitality's Chicago branch for nearly a year. Subsequently, I led the development of a Salesforce proof of concept (POC) and later assumed the role of Team Lead on a security-focused project for the Council for Scientific and Industrial Research (CSIR), culminating in my promotion to Senior Developer.

2021 - 2023

Telesure Investment Holdings | Client of Retro Rabbit

Junior Software Developer Consultant

At Telesure, I contributed to the development of a customer dashboard for the First for Women brand, enabling clients to manage profiles, claims, and request quotations across multiple insurance types (vehicle, home contents, and building). I built features such as the documents page, which gave users secure access to their policy documents, and later progressed into a leadership role where I managed a team of developers. In this role, I delivered new web pages across five brands (First for Women, Auto & General, Dialdirect, Budget Insurance, and Virseker), ran daily standups, coordinated deployments, and enhanced core features including the online quotation flow and call-me-back functionality. These contributions led to my promotion to Intermediate Software Developer (L4).

2023 - 2024

Discovery Power of Vitality | Client of Retro Rabbit

Intermediate Software Developer Consultant

Following my promotion, I joined Discovery's Power Vitality team in Chicago, developing a Flutter-based mobile app for the U.S. market. The app allowed employers to set wellness goals for employees, who could complete health activities (e.g., walking, hydration, workouts) to earn Vitality points, redeemable for rewards such as discounts on Apple products and health devices. I developed multiple pages and reusable widgets and played a key role in implementing background health data syncing, enabling seamless integration with third-party health apps (Samsung Health, Apple Health). This work strengthened my expertise in Flutter development, third-party integrations, and native mobile development using Kotlin (Android) and Swift (iOS).

2024 - 2025

Sayf by Tracker | Client of Retro Rabbit

Intermediate Software Developer Consultant

On a short-term Vue + Capacitor mobile project, I contributed to implementing foreground and background location tracking. As the only Intermediate in a team of 16-20 junior developers, I leveraged my native mobile expertise to solve complex challenges while also mentoring team members. This role honed my skills in leadership, collaboration, and knowledge-sharing, ensuring consistent team delivery without disempowering less experienced developers.

2025 - 2025

Council for Scientific and Industrial Research (CSIR) ThReAT | Client of Retro Rabbit

Intermediate/Senior Software Developer Consultant

As Lead Developer on the ThReAT (Threat Risk Assessment Tool) for CSIR/Transnet, I delivered a multi-platform security risk assessment solution comprising a Vue web portal, Flutter mobile app, C# .NET 8 backend, and a PostgreSQL/MinIO stack hosted in Docker. Core features included an offline-first mobile workflow (SQLite + background sync), Mapbox geospatial tools (geofencing, path-drawing, offline maps), and risk calculation models. I also managed Docker Compose deployments, SSL/proxy configurations, and Microsoft Entra (Azure AD) authentication. This project showcased my strengths in full-stack development, DevOps, and secure geospatial integrations, and directly resulted in my promotion to Senior Software Developer (L5).

2025 - Present

Capitec Business Banking | Client of Retro Rabbit

Senior Software Developer Consultant

I joined Capitec Business Banking as a Senior Software Developer, contributing to an internal console application built with Nuxt on the frontend and a C# .Net microservices-based backend architecture. Within my first weeks, I implemented scalable state management using Pinia and integrated the console service with multiple backend microservices to enable secure and efficient data exchange. I am actively involved in expanding the platform to provide internal teams with greater visibility into incoming credit applications, while also contributing to the delivery of new features across credit and loan services, including enhancements to existing client microservices and support for new product initiatives.