DITIRO MOABELO

Information Technology Graduate | Aspiring Software Developer

🏠 **Address**: 93 A Storms Road, Norkem Park, Kempton Park

📞**Phone**: 0718642819|

🚗**Drivers License**: code 10/C1

✉**Email**: ditiro.refilwe@gmail.com

GitHub: github.com/Ditiromoabelo

Professional Summary

Junior Software Developer with hands-on experience building web and mobile applications using **Java, Kotlin, Spring Boot, and C#**, complemented by **product management experience** supporting enterprise technology brands including **Intel, NVIDIA (PNY), and Logitech**. Experienced in **full-stack development, API integration, database management**, and aligning technical solutions with business objectives. Supported **product lifecycle management, strategic marketing, demand planning, revenue target achievement, rebate handling, and distributor exclusivity strategies** to maintain strong market positioning. **Intel® GenAI Cloud to Client Fundamentals badge holder**, with a solid understanding of **AI concepts, cloud-to-edge workflows, and modern compute platforms**. A fast learner with strong problem-solving skills, eager to contribute at the intersection of **software engineering, product strategy, and AI-enabled solutions**.

Experience

Rectron (Pty) Ltd – Product Management Intern / Software Development Intern

November 2025 – Current

Responsibilities :

- Assisted the Product Management team in managing and supporting key technology brands, including NVIDIA (PNY), Intel Processors, and Logitech,

ensuring accurate product information, pricing support, and coordination with internal stakeholders.

- Supported product lifecycle activities such as product listings, updates, and coordination between sales, technical, and logistics teams.
- Worked with the Information Systems team on the development of a
- Learning Management System (LMS) web application using C#, contributing to backend logic, feature implementation, and system functionality.
- Gained hands-on exposure to enterprise environments, cross-functional collaboration, and the alignment of technical solutions with business needs.

Mercer Inter Ed – Java developer Program (2025)
Responsibilities:

The development of small applications using a core set of technologies:

- HTML5
- CSS3
- JavaScript
- Various levels of Java (Fundamentals, Advanced, and Enterprise)
- The internship emphasizes practical skill development through collaborative practice of coding, debugging, and version control, while also providing exposure to DevOps principles and structured development methods.

Projects

Medibook Web App

- Developed a **web-based medical appointment management system** using **Java 17 and Spring Boot 3**, supporting secure **role-based access** for Patients, Doctors, and Admins.
- Implemented **appointment booking, rescheduling, and cancellation logic**, including search and filtering for medical specialists.
- Integrated an **AI-powered recommendation engine** to intelligently match patients with doctors based on symptoms and medical history.
- Built **email notification workflows** for appointment confirmations, reminders, and system updates using **Spring Mail with SendGrid**.
- Applied **Spring Security** for authentication, authorization, CSRF protection, and password encryption.
- Designed a **responsive, mobile-friendly UI** with **HTML, CSS, JavaScript, Bootstrap 5, and Thyme leaf**, including **dark/light mode support**.
- Managed data persistence with **Spring Data JPA**, **H2 database (development)**, and **Flyway migrations**.

BirdTrail Android App –

- Developed an Android app to track bird sightings using **Kotlin**, **Mapbox**, and **Google Maps API**.
- Implemented Firebase for user authentication and Realtime Database for storing sightings.
- Designed a user-friendly interface that allows users to upload bird images and track sightings by location. **E-Commerce Platform**
- Built a full-stack e-commerce web application using **Java**, **Spring Boot**, and **MySQL**.
- Integrated **Stripe API** for secure payment processing and implemented user registration and product catalogue features.
- Collaborated with a team to deploy the app and run unit tests for quality assurance

Gift of the Givers Web App

- Developed a web application using C# and WAMP server to support the operations of a South African NGO.
- Implemented features for secure user registration and login, disaster incident reporting, and resource donation management.
- Designed an engaging UI with thematic elements and integrated volunteer management functionality.