

ODIRILE GIFT DIRE

Direodirile95@gmail.com | 074 573 1445

Software Developer, South Africa 0182

WWW: <https://giftdire.github.io/OdirileGiftDire.github.io/>

WWW: <https://www.linkedin.com/in/odirile-dire-20144a239/>

WWW: <https://github.com/GiftDire>

PROFESSIONAL SUMMARY

I am a dedicated and resilient Information Technology student currently in my final year of a bachelor's degree, with a proven track record of academic excellence and hands-on experience in both local and international settings. My journey began with a Diploma in Information Technology, which I completed in record time, demonstrating my commitment and ability to excel under pressure. I was selected for the prestigious Global Minor program, where I studied at four leading European universities, collaborating with diverse teams on innovative projects aimed at empowering people with disabilities in the workplace. Our work included developing a Chrome extension for visually impaired users, a foot mouse for individuals without hands, and a voice recognition navigator, all of which deepened my passion for accessible technology. Alongside my studies, I have gained practical experience working with startups such as Steera App and freelancing for three additional startups, further strengthening my skills in C#, JavaScript, Python, and front-end development. I consistently achieve distinctions in my coursework and actively contribute to my personal projects, as showcased on my GitHub. I am known for my strong work ethic, adaptability, and collaborative spirit. My journey has equipped me with excellent communication, teamwork, and problem-solving skills, as well as a drive for continuous learning and self-improvement. I have also completed several industry certifications to stay current with evolving technologies.

SKILLS

C#

.NET

ADO.NET

HTML

React

MSSQL

Docker

Artificial Intelligence

Teamwork & Collaboration

Time Management & Organization

JavaScript

WINDOWS FORMS

ASP.NET

CSS

MySQL

Git

Internet of Things

Problem-Solving & Analytical Thinking

Adaptability & Learning Agility

WORK HISTORY

Software Developer | Rekisa e-commerce Solutions - Johannesburg, GA (Remote) *02/2024 - 02/2025*

- Set up API connections for client re-engagement and communication.
- Oversaw integration of multiple chatbots into client platforms
- Automated responses and system functions
- Set up API connections for client re-engagement and communication
- Web development

Software Developer | Steera App - Johannesburg, GA (Remote) *09/2023 - 10/2024*

- Reported directly to Directors, supporting both Technical Director and Head of Product
- Contributed to Steera app development, working with Google services, Huawei services,
- Ensured app's technical, web, and maintenance requirements were met
- Conducted market research and development to support business objectives

EDUCATION

Belgium Campus ITiversity - Pretoria, South Africa *Expected in 10/2025*
Bachelor of Information Technology: Software Development
GPA :72.9

Hogeschool PXL - Hasselt, Belgium *01/2024*
International Global Minor Programme: Artificial Intelligence

Fontys University of Applied Sciences - Eindhoven, Netherlands *01/2024*
International Global Minor Programme: Cyber Security

University of Applied Sciences Upper Austria - Linz, Austria *01/2024*
International Global Minor Programme: IOT(Internet Of Things)

Universitat de Lleida - LLeida *01/2024*
International Global Minor Programme: UX/UI

Belgium Campus ITiversity - Pretoria *12/2023*
Diploma in Information Technology: Software Development
GPA: 72.8

PROJECTS

IoT "Call for Help" System — ESP32 + MQTT + Node-RED
Button or voice command triggers responder (buzzer + OLED); dynamic MQTT topics map many buttons ↔ responders.

Stack: ESP32/Arduino, Mosquitto, Node-RED, Voice2JSON

GitHub: <https://github.com/FlorianRakos/IoT-NotCapricorns/tree/main/Gift>

Invoice Management Web App — ASP.NET Core + SQL Server

CRUD for invoices/customers/payments with validation and Razor Pages.

Stack: C#, ASP.NET Core, SQL Server

GitHub: <https://github.com/GiftDire/Invoice-Management-Web-Application>

Blazor WebAssembly Secure App — Identity + ASP.NET Web API

Client-side Blazor with protected routes and token-based auth.

Stack: Blazor WASM, ASP.NET Web API, Identity

GitHub: <https://github.com/GiftDire/Blazor-web-Assembly-Application>

Color Filter Accessibility Extension — Chrome

Grayscale, invert, and high-contrast modes to improve legibility for color-blind users.

Stack: HTML, CSS, JavaScript

GitHub: <https://github.com/GiftDire/Color-filter-extension>

Student Management — Windows Forms

Desktop CRUD for student records with search/filter and file storage.

Stack: C#, WinForms

GitHub: https://github.com/GiftDire/Student-Management-System-using-Windows-Forms_LLG

Instagram Follower Analyzer — Web App

Identify non-followers/mutuals and manage insights.

Stack: JavaScript (web)

GitHub: https://github.com/GiftDire/Instagram_follower_analyzer

Dynamic Community Portal — Node.js + Express + EJS

Server-rendered pages, forms, and modular routes .

Stack: Node.js, Express, EJS

GitHub: <https://github.com/GiftDire/Dynamic-Community-Portal-Website-using-Node.js-Express-EJS>

UbuntuTutor — AI Teaching Assistant (prototype)

Explains innovation frameworks with examples (Gemini API).

Stack: Node/TS (planned), Gemini API

GitHub: <https://github.com/GiftDire/UbuntuTutor>

Coming soon:

- **Graduate Programme Scraper** — Python + Playwright/Pandas (*repo goes live when ready*)
- **MQTT Starter — Mosquitto + mqtt.js Web Client + ESP32/Wokwi** (*repo goes live when ready*)

LANGUAGES

English

Tswana

REFERENCES

Francois Venter, Belgium Campus Itiversity, venter.f@belgiumcampus.ac.za, 0723859447