ODIRILE GIFT DIRE

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Professional Summary

I'm a final-year Bachelor of IT student at Belgium Campus iTversity, with a Diploma in IT also completed there. For six months I was a full-time, on-site participant in the Global Minor across four European universities, where I co-built accessibility solutions a Chrome extension for low-vision users, a foot-mouse prototype, and voice navigation and studied modules in User Experience and User Interface, Internet of Things and Artificial Intelligence, and Cybersecurity. Alongside my studies I worked with Steera App and Rekisa e-Commerce Solutions on real-world projects to gain industry exposure, while developing my skills through coursework and self-driven projects on GitHub: https://github.com/GiftDire.My journey has equipped me with excellent communication, teamwork, and problem-solving skills, and a strong drive for continuous learning and self-improvement. I have completed several industry certifications to stay current with evolving technologies. Tech stack: C#, JavaScript and TypeScript, Python, HTML5, CSS3, React, Git, Microsoft SQL Server, MySQL, Docker. Seeking Junior Software developer roles.

Skills

- C#
- Python
- HTML
- React
- MSSQL
- Docker
- Problem-Solving & Analytical Thinking
- Adaptability & Learning Agility

- JavaScript
- .NET
- CSS
- MySQL
- Git
- Internet of Things
- Teamwork & Collaboration

Work History

Software Developer , 02/2024 to 02/2025

Rekisa e-commerce Solutions – Johannesburg, GA (Remote)

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
- wordpress

Software Developer, 09/2023 to 10/2024

Steera App – Johannesburg, GA (Remote)

- 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

Bachelor of Information Technology: Software Development, Expected in 10/2025

Belgium Campus ITversity - Pretoria, South Africa

GPA :72.9

Diploma in Information Technology: Software Development, 12/2023

Belgium Campus ITversity - Pretoria , South Africa

GPA: 71

International Global Minor Programme: Artificial Intelligence, 01/2024

Hogeschool PXL - Hasselt, Belgium

International Global Minor Programme: Cyber Security, 01/2024

Fontys University of Applied Sciences - Eindhoven, Netherlands

International Global Minor Programme: IOT(Internet Of Things), 01/2024

University of Applied Sciences Upper Austria - Linz, Austria

International Global Minor Programme: UX/UI, 01/2024

Universitat De Lleida - Spain , Lleida

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

Thato Garekoe , Rekisa e-commerce solutions, +273 897 6565

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