

RAFAELA HENRIQUES

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EDUCATION

Howest University of Applied Sciences, Kortrijk, Belgium

2023 – Present

B.Sc. Digital Design & Development (Devine) · Anticipated June 2027

Major: Creative Development · Minor: Experience Design

SKILLS

Programming: Python, TypeScript, JavaScript, SQL (PostgreSQL, MySQL), PHP, C#, C++, HTML, CSS

Frameworks & platforms: React, React Native, Expo, FastAPI, Node.js, Astro, Vite, Supabase, GSAP

Tools & practices: Git, GitHub, REST APIs, WebSockets, SQLAlchemy, Alembic, pytest, Docker, Figma

Languages: Portuguese (Native), English (Fluent), Spanish (Conversational)

PROJECTS

Wolf & Sheep | Python, FastAPI, PostgreSQL, React, TypeScript, pytest

- Rebuilt a Pygame group project into a full-stack game with a shared Python engine, minimax AI with alpha-beta pruning, REST API and persistent game history.
- Implemented server-validated moves, SQLAlchemy/Alembic migrations and 31 automated tests; deployed frontend and backend separately.

Mongmo | React Native, Expo, TypeScript, Supabase, PostgreSQL

- Built a cross-platform pop-up discovery and ordering app with geofencing, QR/GPS check-in, eleven challenge types and live order management.
- Enforced prices, check-ins and points server-side; secured database access and integrated camera, motion sensors and notifications.

Marina Yee — One Corner Off | JavaScript, Vite, GSAP, CSS

- Designed and developed an interactive, scroll-driven editorial website for a MoMu Antwerp university project.
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WORK EXPERIENCE

Biozone, Digital Consultant & Web Developer

July 2025 – January 2026

Kortrijk, Belgium

- Led redevelopment and migration of a 20+ page website to Odoo; restructured content and advised leadership on digital and technical decisions.

Freelance Web Developer & Designer

2018 – Present

Belgium / Remote

- Delivered websites and digital solutions for small businesses from client requirements through launch; worked with Shopify and Odoo.
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COMMUNITY LEADERSHIP

Family Community Support, Nutriboty Programs

2010s – Present

Angola (Annual Visits from Belgium)

- Supported family-led education, nutrition and community outreach initiatives through resource delivery and on-site assistance.