



Blomme Jan

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Zulte, Belgium

janblomme.com (soon)

Jan Blomme

BlommeJan

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Language Skills

Dutch ★ ★ ★ ★ ★

English ★ ★ ★ ★ ★

French ★ ★ ★ ★ ★

Soft Skills

- Agile learner, fast adaptation
- Strong communication and listening
- Innovative and practical problem-solving
- Goal-focused and self-directed
- Team player with leadership initiative

Education

Secondary (2017-2023)

Campus College Waregem

Latin & Greek

Networking & Programming

University (2023-2026)

HOWEST KORTRIJK

Bcs. Multimedia Creative Tech

focus AI engineer & XR dev

Uni of Portsmouth (Exchange)

Creative & Cultural Industries

Projects

OrbitalPlay Controller

Open Source · Hardware + Firmware + Games · 2025

USB-HID controller with ball-on-bearings tracked via Seeed XIAO RP2040

C++ firmware + paddle input

Games built with JS + Canvas

Models, BOM, firmware, and docs on GitHub

POWERAPP NMBS

Enterprise Tool · Microsoft PowerApps · 2023

Designed onboarding app for Belgian railway company (NMBS)

Built in PowerApps, optimized for internal use

All the result of the hackathon.

Focused on mobile-first UI and accessibility

Work Experience

JB-signs – Occasional Worker

Zulte, 2017 - Present

Signage, custom tools, web/graphic design

De Treffer – Bartender, Waiter

Waregem, 2017 - Present

Bartending and occasional IT maintenance around the bar

Interests

- AI ethics & innovation
- XR and immersive tech
- IoT & DIY hardware projects
- Geopolitics and world history
- Photography and creative visuals
- Fitness and gym sessions
- Badminton
- Good music

Smart Cocktail Shaker

IoT Prototype · Raspberry Pi 4 · Custom UI · 2024

Automated drink mixer with motor-controlled dispensing

Custom touchscreen interface

Built using Python + GPIO on Raspberry Pi

Designed for demo use, physical interaction, and UX clarity.

Want to see more projects?

check out all my projects on my web portfolio

Technical Skills

Languages

Python, Java, C#, C++, JavaScript, Lua, Dart, Bash, PowerShell, Git

Libraries

NumPy, Pandas, TensorFlow, scikit-learn, OpenCV, MediaPipe, Seaborn, threading, RPi.GPIO, gpiozero

Web/Data

HTML, CSS, Markdown, JSON, XML, CSV, LocalStorage

IoT & API

Firebase (Auth, Firestore), Gemini API, OpenAI (GPT, Vision), Android XR SDK (learning)

Tools

VS Code, GitHub, Docker, Docker Compose, Figma, 3DS MAX, Blender

Systems

Linux (Arch, Ubuntu, Debian, Mint), Windows, dual-boot systems

My portfolio

Soon to be published