

# FILIP BUNKENS

BUSINESS TECHNOLOGIST



## EXPERTISE

"Bridging the gap between vision and execution by building and optimizing systems."

- Strategic Architecture:** Bridging the gap between business goals and technical systems.
- The Fixer Archetype:** Designing and building mission-critical pipelines under extreme constraints (offline, remote, high-stakes).
- Neurodivergent-friendly Mentorship:** Leading with high autonomy and trust, translating complexity into actionable mastery.
- Full-Cycle Ownership:** Taking end-to-end responsibility from initial concept to system optimization.

## CONTACT

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## CORE SKILLS

- Full-stack Engineering
- Neurodivergent-friendly Mentorship
- Systems Engineering
- Technical Architecture
- Rapid Prototyping

## LANGUAGES

DUTCH (NATIVE SPEAKER)

ENGLISH (FULL PROFESSIONAL)

FRENCH (PROFESSIONAL WORKING)

## PROFESSIONAL EXPERIENCE

### E-COMMERCE RESELLER & TECHNICAL CURATOR

June 2020 – present

#### THEBEARD | BELGIË / ONLINE

- Sourcing & Repair:** Identifying and technically revising or repairing second-hand products for resale on international platforms.
- Quality Control:** Performing technical inspections to ensure the functional integrity of goods for platforms such as Etsy, eBay, and Vinted.
- Operational Management:** Full chain management from procurement and refurbishing to international logistics and customer service.
- Market Analysis:** Using data-driven pricing models and trend analysis to optimize procurement strategies on international platforms.

### INDEPENDENT AI RESEARCH & DEVELOPMENT

January 2024 – present

#### INDEPENDENT AI RESEARCH & DEVELOPMENT | BELGIË / REMOTE

### STEM FACILITATOR & ROBOTICS MENTOR (FRENCH-SPEAKING)

February 2025 – June 2025

#### 123CODE | WAVRE

- French-language Guidance:** Providing technical lessons in French for primary school children (école primaire).
- Robotics & Arduino:** Inspiring children and teaching the basics of logical thinking through hands-on projects with Arduino, from assembly to coding.
- Pedagogical Approach:** Translating complex concepts such as sensors, motors, and variables into an understandable level for young French-speaking students.
- Problem Solving:** Guiding the debugging process, stimulating students to find their own mechanical and software solutions.

### OWNER (AREWEINLOCKDOWN.COM)

March 2020 – May 2021

#### AREWEINLOCKDOWN.COM | WERELDWIJD

- Development:** Independently developed a tracker that mapped government COVID-19 measures worldwide.
- Data Mapping:** Analyzing diverse global data sources and translating them into a uniform, logical data model for the tracker.
- Open Source:** Project source code and documentation are available on [GitHub](#).

### PHOTOGRAPHER

July 2007 – September 2019

#### THEBEARD.BE | JODOIGNE, BELGIË

- Commercial Photography:** Specialized in capturing large-scale events, international congresses, and promotional content.
- Advertising Campaigns:** Visual execution of major advertising campaigns in collaboration with agencies for clients including *Startups.be*, *IMEC*, *Hack Belgium* and *Scania*.
- High-level Clients:** Trusted partner for organizations such as *Startups.be*, *IMEC*, *Hack Belgium*, *Pfizer* and *Scania*.
- Strategic Consulting:** Consultancy regarding visual identity and brand positioning for corporate clients.

### CONTACT CENTER AGENT

January 2017 – December 2017

#### HARVEST COMMUNICATION CENTRES | LEUVEN, BELGIË

- Customer Service:** Provided support to four different clients, including 24-hour weekend shifts.

### FRONTEND DEVELOPER

May 2007 – September 2008

#### STATIK | BELGIË

- Web Development:** Focused on development with PHP, AJAX, and CakePHP.
- Projects:** Contributed to platforms for clients including Max Havelaar, Het Depot, Stuk, and Rivierenhof.
- Front-end:** Development of templates for Drupal, WordPress, and custom CMS systems.

### FULL STACK DEVELOPER

February 2007 – May 2007

#### YAPPA | BELGIË

- Full-stack:** Developing websites in PHP, XHTML, and CSS.

### PHP DEVELOPER

June 2006 – February 2007

#### KEYS | BELGIË

- Software Development:** Back-office development and hosting support.

### TECHNICAL & COMMERCIAL SUPPORT (TELENET)

September 2003 – May 2004

#### IP GLOBALNET | BELGIË

- Telenet Support:** Full handling of technical and commercial support for Telenet customers (B2B & Residential).
- Specialization:** Guidance on complex Wi-Fi installation procedures and professional email support.

## EDUCATION

### APPLIED INFORMATICS

Rega KHL, 2002-2003

### BIO-ENGINEER

KU Leuven, 2000-2002

### MATHEMATICS - SCIENCES

Don Boscollege Hechtel, 1992 – 2000

## PROJECTS

### RESPONSIBLE DISCLOSURE: LLM PROMPT INJECTION VULNERABILITY

LLM SECURITY, PROMPT INJECTION, RESPONSIBLE DISCLOSURE

Identification and reporting of a critical prompt injection vulnerability in a leading Applicant Tracking System (ATS) platform. Managed through an official Vulnerability Disclosure Program (VDP) and reported to the Centre for Cybersecurity Belgium (CCB). The disclosure helped secure automated recruitment workflows for thousands of organizations worldwide.

### THE CONSTRUCT — OPEN SOURCE CV ENGINE

NODE.JS, EJS, PUPPETEER, GEMINI AI, DOCKER

The engine that powers this very site. An open-source, multi-persona CV portfolio platform with AI-powered Q&A. Serves tailored résumés per employer using tag-based filtering, semantic RAG chat, PDF export, and multi-language support. Published on GitHub as cv-construct.

[VIEW PROJECT](#)

### HOME-LAB AI INFRASTRUCTURE

OLLAMA, OPENWEBUI, DOCKER

Configuration of a local, home-lab LLM environment on a GTX 1060 (3GB VRAM). Optimized through quantization to make high-performance models usable on limited hardware.

### AUTONOMOUS MICRO-AGENCY MVP (CAPSLOCK)

PYTHON, REACT, GEMINI 3.1 FLASH, NODE.JS

An autonomous performance marketing analysis tool. Automates the ingestion of Google Ads data, implements WoW aggregation logic, and generates AI-enhanced performance briefs using Gemini 3.1 Flash.

[VIEW PROJECT](#)

### KABAAL — FULL-STACK AUDIO DASHBOARD SYSTEM

POCKETBASE (GO/SQLITE), NODE.JS, CSS3, DOCKER

A scalable soundboard platform with a 'Tron-inspired' aesthetic. Users manage personalized 'audio grids' via a desktop 'Manage Mode' and a mobile-optimized interface.

[VIEW PROJECT](#)

### THE FIXER CASE: OFFLINE PHOTO-PIPELINE (NATIONAL LOTTERY)

PYTHON, NODE.JS, RASPBERRY PI, WIFI-CAMERA, SMTP

A fully autonomous, battery-powered pipeline built for major festivals. WiFi-connected cameras feed a local server that auto-processes images, displays them on tablets, and delivers them via local SMTP—zero internet, zero mains power.

### TRUSTUP RENOVATION SCOPING ASSISTANT — AI-NATIVE SPECIFICATIONS

CLAUDE CODE, AI AGENT ORCHESTRATION, RULES ENGINE, API-NATIVE

A specification package designed to orchestrate AI coding agents in building a resilient, SaaS-ready module. Demonstrates strict Spec-Driven Development methodology.

[VIEW PROJECT](#)