

Marco Procopio

Applied AI Developer | Remote, EU-based

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PROFESSIONAL SUMMARY

I build software alongside coding agents, mainly **Claude Code** inside **T3 Code**. I do not write code by hand. I decide what is needed and read every change, then tests and CI say whether it can go in. With this method I finished a website for an actor, a desktop app for Windows and macOS and a system that sorts hundreds of thousands of contacts with AI.

SOFTWARE ENGINEERING PROJECTS

Database Contatti

Independent project - Contact management and enrichment application

- The AI sorted more than **330,000 contacts** by category, subcategory and area, at about 300 milliseconds each and with about 85% average confidence.
- Messy Excel, LibreOffice, CSV or text files become a clean list, with addresses normalised, duplicates merged and suspect rows set aside with the reason.
- A read-only MCP server lets an assistant like Claude search the contacts, and blacklisted addresses never show up.
- More than **400 tests** check every change before it goes in, so an agent's mistake shows up right away.

Music Companion 🌐

Independent project - Desktop overlay development

- A **Windows and macOS** app that shows the lyrics of whatever is playing, in a see-through window above everything else, from any player or the browser.
- Words light up in time with the voice, one by one when the service syncs them and line by line otherwise. It searches lrc.red first and falls back to LRCLIB when a song is missing.
- CI on Windows and macOS runs **54 frontend tests** and more than 80 in Rust, and flags it right away when a change breaks something.

Sergio Procopio 🌐

Independent project - Web platform development

- Replaced WordPress, which Sergio found hard to use. He now updates shows, events and photos himself from the browser.
- The contact form checks the data on the server and emails Sergio through Resend. It has already received more than **100 requests**.
- Every page has SEO tags, a sitemap and Schema.org structured data so search engines can find it, and Vercel Analytics has counted about **1,000 visitors**.

TECHNICAL OPERATIONS EXPERIENCE

Audio and Lighting Technician

2021 - Present

Teatro Procopio - Milan, Italy (Part-time)

- Set up, ran and packed away sound and lighting for about **50 live shows** a year, alongside university.
- Pushed for LEDs in place of halogen, which drew less power, needed simpler cabling and ended further power trips.

EDUCATION

University of Milan-Bicocca

Milan, Italy

Computer Science Studies

2022 - Present

Enea Mattei Technical Institute

Sondrio, Italy

Technical Diploma in Computer Science and Telecommunications

2017 - 2022

LANGUAGES AND TECHNICAL SKILLS

Italian: Native / English: C2

Building with AI: OpenAI models and API, Anthropic API, tool calling, embeddings, vector databases, RAG, MCP, AI evals

AI Workflow: Claude Code, Codex, Cursor, AI-assisted debugging, code review, test generation, token, cost and latency tracking, local models, Ollama

Programming: TypeScript, JavaScript, Python, Rust, React, Node.js, Bun

Data and Quality: SQLite, SQL, REST, Vitest, Playwright, unit testing, end-to-end testing