Heleno Matos

Full-Stack Developer | React, Vue.js, TypeScript, Node.js | Docker, PostgreSQL, AI Automation

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SUMMARY

Full-Stack Developer with 3+ years of hands-on experience building web and mobile products with React, Vue.js, TypeScript and Node.js. Co-founder of Webgest Solutions, where I deliver websites and web apps end to end and built a self-hosted AI WhatsApp agent with Docker, n8n, PostgreSQL and Google Gemini. Previously at Odontoprev, building features for a Vue.js e-commerce platform and an Ionic mobile app in an Agile team. BSc in Computing student at Dorset College Dublin. Open to developer roles across Europe.

TECHNICAL SKILLS

Languages	TypeScript, JavaScript (ES6+), HTML5, CSS3, SQL, Python, Java
Front end	React, Next.js, Vue.js (Vue 3), Tailwind CSS, shadcn/ui, Ionic, Responsive Design, Accessibility
Back end & data	Node.js, Express, REST APIs, PostgreSQL, MySQL, Supabase, SQLite
DevOps & cloud	Docker, Docker Compose, AWS (EC2, ECR, CodeBuild), Vercel, Git, GitHub, Linux, Agile / Scrum
AI & automation	n8n, LLM APIs (Google Gemini, OpenRouter), Prompt Engineering

PROFESSIONAL EXPERIENCE

Co-Founder & Full-Stack Developer | Webgest Solutions — Dublin, Ireland · Remote | Jun 2025 – Present

- Build and deploy websites and web apps with React, Next.js, Vue.js, TypeScript and Tailwind CSS, owning the full cycle from planning and UX to deployment on Vercel.
- Shipped 6 production websites and landing pages, including bilingual (PT/EN) sites with cookie consent and lead capture flows.
- Designed and built a self-hosted AI WhatsApp agent for lead qualification (Docker, Evolution API, n8n, Google Gemini, PostgreSQL), with an automatic human handoff: the bot pauses when the owner replies and resumes after 30 minutes.

Junior Front-End Analyst | Odontoprev — São Paulo, Brazil · Hybrid | Jun 2022 – May 2023

- Built front-end features for the company's new e-commerce platform with Vue 3 and REST APIs.
- Refactored components and state management to improve reuse and consistency across the codebase.
- Worked with designers and back-end engineers in an Agile team, taking part in code reviews.

Digital Channels Intern (Mobile) | Odontoprev — São Paulo, Brazil | Jul 2021 – Jun 2022

- Built and maintained features for the company's mobile app with Ionic and TypeScript.
- Debugged UI and performance issues and rotated across mobile, marketing and infrastructure teams.

Operations Supervisor | Russell Court Hotel — Dublin, Ireland | Feb 2025 – Present

- Supervise daily operations and staff in an English-speaking team; go-to person for on-site IT, AV and network issues.

PROJECTS

Auto-generated Tech Blog | Technical challenge for Assimetria — 2025

Daily cron job writes a new article with an LLM; containers built in CodeBuild, stored in ECR and run on EC2. **React, Node.js, Express, SQLite, Docker, AWS**

Neural Network Playground | Personal project — 2026

Neural network written from scratch with no ML libraries: forward pass, backpropagation and gradient descent, with a live decision-boundary view. **Python, tkinter** · github.com/helenomatoss/neural-network-playground

EDUCATION

BSc in Computing (QQI Level 7), Year 2 of 3 | Dorset College Dublin — 2026 – 2028 (expected)

Bachelor's Degree in Systems Analysis and Development | Centro Universitário FMU — 2023 – 2025

Computer Technician (Technical Degree) | CEAP — 2019 – 2021

LANGUAGES

Portuguese (native) · English (B2+, working daily in English) · Spanish (basic)