

# Miguel Ângelo Ramos Gomes

Web Developer & AI Automation Specialist

Portugal | Remote / Hybrid | EU Work Authorization

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## PROFESSIONAL SUMMARY

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Web Developer and AI Automation Specialist with 10+ years of experience across IT infrastructure, technical operations, web development and digital systems. I build practical web platforms, dashboards, booking flows, APIs and automation workflows using Python, TypeScript, Astro and Cloudflare. Best suited to roles between web development, application support, systems integration, technical implementation and AI-assisted automation.

## CORE SKILLS

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**Web development:** Astro, TypeScript, JavaScript, Tailwind CSS, HTML/CSS, responsive interfaces, dashboards

**Automation and AI:** Python, workflow automation, process automation, prompt engineering, generative AI

**Cloud and APIs:** Cloudflare Pages and Workers, REST APIs, API integration, serverless, D1, SQLite

**Data and infrastructure:** SQL, PostgreSQL, databases, data modeling, Linux, system administration, data privacy

**Application and implementation:** application support, systems integration, solution implementation, technical documentation

## PROFESSIONAL EXPERIENCE

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**Web Platform & AI Automation Developer** | Dec 2025 - Present

*PertoDaqui* | *Self-employed* | Portugal / Remote

Built PertoDaqui as a web platform for local businesses, focused on websites, dashboards, bookings, automation and AI-assisted customer workflows.

- Developed fast, responsive websites using Astro, TypeScript, Tailwind CSS and Cloudflare
- Built client-facing dashboards for bookings, messages, business profiles and operational data
- Designed multi-tenant flows separating clients, websites, business data and admin modules
- Developed booking, quote and lead capture flows for local service businesses
- Integrated AI-assisted workflows for lead qualification, customer support and automated responses
- Added multilingual support, SEO metadata and structured data for local business visibility

**Stack/key areas:** Astro, TypeScript, JavaScript, Cloudflare, D1, Tailwind CSS, APIs, AI workflows, automation

**Web Developer & AI Workflow Consultant** | Nov 2024 - Present

*MarginData* | *Self-employed* | Portugal / Remote

Created MarginData as a technical portfolio and digital systems lab focused on web interfaces, automation, AI-assisted workflows and operational efficiency.

- Designed and built MarginData OS, an interactive portfolio interface for projects and technical work
- Developed web experiences and technical demos using Astro, TypeScript, Python and Cloudflare
- Built automation concepts for internal tools, digital operations and AI-assisted workflows
- Created project documentation, positioning pages and technical case studies
- Explored practical AI use cases for workflow automation and decision support

**Stack/key areas:** Python, TypeScript, Astro, Cloudflare, AI workflows, web interfaces, automation

**IT Operations & Infrastructure Specialist** | 2021 - 2024

*Public Administration, Portugal* | Guarda, Portugal / Hybrid

Managed mission-critical IT infrastructure, operational systems and technical continuity in a public-sector environment.

- Managed and maintained infrastructure for 250+ devices, users, networks and operational systems
- Led technical execution for 180+ annual events with zero critical failures recorded
- Supported workstations, networks, VoIP systems, connectivity, users and public-facing operations
- Developed Python automation and internal tools to reduce repetitive manual work
- Improved reliability through documentation, process improvement and technical planning

**Stack/key areas:** IT infrastructure, systems support, networks, VoIP, Python automation, troubleshooting

### **Senior Technical Specialist** | 2018 - 2021

*Public Administration, Portugal* | Guarda, Portugal / Hybrid

Provided technical support, systems maintenance and operational assistance across workstations, networks, events and public-sector services.

- Maintained 100+ workstations, 90 VoIP phones and 50 network devices
- Operated sound, lighting and digital projection systems across 400+ annual events
- Supported users, hardware, software, connectivity, events and operational systems
- Designed a logistics and inventory system that reduced setup and teardown time by 70%

**Stack/key areas:** technical operations, IT support, events, VoIP, networks, equipment management

### **Freelance Web Developer & Digital Solutions Engineer** | Jan 2014 - Aug 2018

*Self-employed* | Portugal

Delivered websites, digital support and practical technical solutions for small businesses, local organizations and recurring clients.

- Developed 80+ websites, improving client visibility and online presence
- Managed 40+ recurring accounts with ongoing technical support and digital maintenance
- Built websites, landing pages, basic automations and digital tools for local clients
- Provided content updates, hosting and domain assistance, troubleshooting and technical support

**Stack/key areas:** web development, client support, digital solutions, websites, maintenance, troubleshooting

## **EDUCATION**

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### **Higher Education Coursework, Data Science and Artificial Intelligence**

*Politécnico da Guarda* | Portugal | 2022 - 2024

Coursework in data-driven systems, programming, databases, statistics and applied AI concepts.

### **Professional Higher Technical Course Coursework, Data Analysis**

*Politécnico da Guarda* | Portugal | 2021 - 2022

Coursework in programming fundamentals, database administration, data analysis and web-related technical foundations.

### **Technical Course, Management Informatics**

*Escola EB3 FCR* | Portugal | 2010 - 2013

Technical education in IT applied to business management, with software development, databases and information systems.

## **LANGUAGES**

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Portuguese: Native | English: Fluent | Spanish: Intermediate | French: Intermediate