Marco Rapaccini

Holistic Innovation Enabling Business

Tl;dr:

Technical co-founder with extensive software engineering background and proven track record in stakeholders relations, seeking to leverage hands-on experience and refined business acumen in a **Tech/Engineering role**.

A Bit More About Me

- I've been working in tech since 2016, wearing many hats: employee for SMEs and big organisations, contractor, startup cofounder
- I consider myself a business enabler: **I transform a vision into human-friendly, working technology**
- I love working in startup environments
- I am based in the Lake District, UK

Co-Founder/Generalist Experience

- Technical Co-Founder at Smart Ergonomics Ltd, 2024 - present
  - Developing MVP of a smart ergonomic chair with sensors and dedicated mobile app to improve posture and wellbeing in the workplace
  - Applying Machine Learning (ML) algorithms to analyse and improve users' posture, behaviours and health
  - Tech Stack: C, ESP32, React Native, Embedded Systems, Google Cloud Platform
  - [March 2025] Leading a partnership with the School of Engineering at Lancaster University to develop custom sensors
- Technical Co-Founder and Director at Umbria Green Heart Ltd, 2023 - 2025
  - Importing directly fine food and wine from Umbria, Italy into the UK
  - Supply chain setup and management
  - Warehouse compliance
  - Custom software development for import logistics, stock management and costs optimisation
  - Woocommerce online shop integration with custom stock management system
  - Expanded B2C sales while consolidating B2B relationships
  - Tech Stack: JavaScript, Ruby on Rails, WordPress, C, Google Cloud Platform
- Technical Co-Founder at Clutch-e Bag, 2019 - 2025
  - Built from scratch a FashionTech startup business + tech stack with other 3 cofounders

- Created a wearable MVP (smart bag with custom PCB and finger print sensor)
- Filed and obtained 4 patents (102018000003587, 102021000011681, 102021000016505, 102021000016478) in Italy
- Supply chain setup and management
- Managed 1-year-long engineering research and development
- Managed technology transfer towards aerospace customer

Software Engineering Experience

LTE Italia (railway transport), 2022 - present

- **Contract Technologist** for LTE Italia srl
- Building a custom security compliance management system for a railway logistics company
- Tech stack: Ruby on Rails, JavaScript, Fly.io, Google Cloud Platform, PostgreSQL

Citizens Advice (charity), Aug 2022 - Jun 2024

- **Senior Software Engineer** at Citizens Advice
- Helping the Casebook team to maintain and improve the internal case management system of one of the largest charities in the UK, while respecting the privacy of the users
- Tech Stack: Ruby on Rails/Ruby, PostgreSQL, AWS, React, JavaScript, Cucumber, Jenkins, Accessibility Screen Readers (VoiceOver, NVDA, JAWS)
- Contributing regularly to Software Engineering Community of Practice meetings to explore new technologies
- Induction/mentoring new software engineers across different product teams
- Internal documentation reorganisation

Italian Folklore Museum (2023)

- Amazon Alexa Skills development (contract work) for the Italian Folklore Museum, improving accessibility for visually impaired
- Tech Stack: Alexa Skills Kit SDK, Python, Node.js, Spreaker APIs

Transaction 360 Degrees LTD (FinTech), Aug 2020 - Sep 2022

- **Senior Software Engineer** at Transaction 360 Degrees, now We Get Data
- Creating from scratch Fintech MVPs working closely with the business team and SW architect
- R&D about new integrations (e.g. Symphony financial secure messaging app)

- Technologies: TypeScript, React, Google Cloud Platform (GCP), Okta, Python
- Moving to microservices architecture
- Onboarding and mentoring new developers

Past Contract Web Development, Nov 2018 - Nov 2021

- Italy-based freelance activity as web developer/technologist. Some clients/projects:
  - FinTech - BankCheck by Lacuna Solutions
  - Research - Water Resources Research & Documentation Centre at University for Foreigners of Perugia
  - Research - University of Tuscia
  - Manufacturing - Nuova Guseo
  - Aerospace - Ermesat
  - Energy - Simecom
  - Health - Federica Mastro

My Tech Stack

- **Programming Languages**: JavaScript/TypeScript, Ruby, Python, C, PHP
- **MVC Frameworks**: Ruby on Rails, Django, Laravel
- **Databases**: MySQL, PostgreSQL, Neo4j
- **JavaScript Stack**: Next.js, Astro, Node.js, React, Express
- **Other Languages**: SQL, Bash Scripting
- **Cloud**: Google Cloud Platform (GCP), Amazon Web Services (AWS)
- **UI Libraries**: TailwindCSS, MaterialUI
- **Tools**: Jenkins, GitHub Actions, ClickUp, SuiteCRM, Zoho, Monday.com, Notion, HubSpot
- **Other Technologies**: Arduino, ESP32, CMS WordPress, Amazon Alexa Skills

Education

- Bachelor's Degree in Computer Science (110/110) at University of Perugia with a thesis about *Cyberwarfare: definitions, case studies and analysis*.

Public Contributions

You can find here a list of my contributions and articles.

Human Languages

- English
- Italian (native language)
- Spanish

Hobbies

Reading, Lego, Re-watching *The Office* (USA version), Hiking, Boxing

Let's connect

- info@mrglobal.solutions
- Website
- Linkedin
- GitHub
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