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**.

What I Can Do

- Problem Solving as a Service
- Custom Software Development
- IoT & Wearables Prototyping
- Digital Transition Consulting
- Tech Booster for Startups & SMEs
- Web Applications Artisan

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 am based in the Lake District, UK

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
- Contract Technologist for LTE Italia srl, 2022 - present
  - Budiling a custom security compliance management system for a railway logistics company
  - Tech stack: Ruby on Rails, JavaScript, Fly.io, Google Cloud Platform, PostgreSQL
- 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

Specialist Experience

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

- 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)

- **Senior Software Engineer** at Transaction 360 Degrees LTD
- Aug 2020 - Sep 2022

- 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

- Italy-based freelance activity as web developer/technologist
- Nov 2018 - Nov 2021
- Some clients/projects:
  - 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

BankCheck by Lacuna Solutions

- Web UI Developer
- Sep 2016 - Jul 2017

My Tech Stack So Far

- MVC Frameworks
  - Ruby on Rails
  - Django
  - Laravel
- Programming Languages
  - JavaScript/TypeScript
  - Ruby
  - PHP
  - Python
- Databases
  - MySQL
  - PostgreSQL
  - Neo4j
- Low-level Programming
  - C/C++
  - Arduino
- JS Frameworks/Libraries/Environments

- Node.js
  - React
  - Next.js
  - Express
  - Leaflet
  - jQuery
- CRMs & Productivity Tools
  - ClickUp
  - SuiteCRM
  - Zoho
  - Monday.com
  - Notion
- Other Languages
  - SQL
  - Bash Scripting
- UI Libraries
  - TailwindCSS
  - MaterialUI
- Cloud Technologies
  - Google Cloud Platform (GCP)
  - Amazon Web Services (AWS)
- Version Control
  - Git/GitHub
- Other Technologies
  - 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
- Twitter
- GitHub

Have a nice day folks!