

Marco Ronchi

SOFTWARE DEVELOPER

CONTACT

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Brighton, UK

TECH SKILLS

PHP

SQL

JavaScript

TypeScript

NodeJS

Express

React

NextJS

Tailwind CSS

Agile

Git/GitHub

EDUCATION

Politecnico of Milan, Civil,
Environmental and Land Planning
Engineering

Technical Institute and High School,
IT and Telecommunications

COURSES

Learning How to Learn - Barbara
Oakley

The Complete 2023 Web
Development Bootcamp - Dr. Angela
Yu

PROFILE

Hi, I'm Marco — a passionate full-stack developer who prioritizes continuous learning and self-improvement. I believe that progress is made one step at a time, and with collective effort, we can achieve great things.

By delving into the 'why' and 'how' of things, I gain a deeper understanding that enables me to be more efficient and effective in my tasks.

PROFESSIONAL EXPERIENCE

School of Code

Full-stack Software Development

September 2023 - ongoing

Pair programming with new teams every week and participating in weekly hackathons, focusing on various subjects while adopting Agile Methodologies.

Embracing the discomfort of stepping out of my comfort zone with a growth mindset.

Approaching problems by breaking them down into small and manageable pieces, solving the problem before starting to code.

The mid-term project gave us a week to create a full stack application that solved a problem that other bootcampers commonly face. We decided to create an application that allowed bootcampers to organize networking and social events.

Tech Stack: HTML, CSS, JavaScript, PostgreSQL, NodeJS, ExpressJS, Vitest

- I took a leadership role holding daily stand-ups and retrospectives ensuring all group members had their voices heard and support was put in place where necessary.

- I set out daily sprints using project management software 'Trello'. This ensured that everyone in the group had a role and knew what they were doing. This would then be reviewed at the end of the day.

- Conducted research and built user stories based upon our findings.

- I made significant contributions to the backend of the application, leveraging my expertise in JavaScript and PostgreSQL to ensure seamless interaction between the app and the database.

- Presented our solution to a panel of industry professionals and demonstrated how we had successfully worked together throughout the week in an agile way.

INTERESTS

I love health and fitness. I like to work out every day and keep myself active engaging in outdoor sports and spending time in nature.

I also enjoy consuming content

that builds my knowledge of the world around me. I have a passion for learning and I am always looking to better my understanding.

Hospitality Industry

2011 - 2023

With a decade spent in this industry I started with the personal willingness to acquire soft skills and take on additional responsibilities during my studies. Eventually turning it into a full-time profession. Throughout this journey, I've delivered impressive results for the businesses I've been a part of, swiftly transitioning from the front lines to a managerial role in short time.

App2b srl

2018 - 2019

When I was a student, I had the chance to work with app2b srl, a small company that develops Android apps with PHP backends. This collaboration was a great way for me to maximize my limited time and gain experience in PHP programming. During my time with app2b srl, I worked on a project to create a web app for managing contracts related to the use of radio frequencies. It was a challenging yet rewarding project that helped me develop my skills in web development.

ACCADEMIC

While pursuing my environmental engineering studies, I crafted a methodology that revolutionized my mindset, enabling a more objective yet simultaneously creative approach to problem-solving. This process also fostered a keen sense of team development through collaborative project work.

Dam on the river Omo Ethiopia

Team: A team of 8 individuals divided into 4 groups, each tasked with managing a stack holder.

Problem Statement: Development of a model that accurately describes the impacts on each stakeholder involved in the construction of the dam; economic, social, and geographical.

Process: My group has been diligently studying documents related to the Ethiopian and Kenyan governments, aiming to develop an analytical model that describes their interests and the corresponding economic and social impacts.

Bachelor's Thesis

In the course of my thesis, conducted in collaboration with the Finnish research team from the 'Environmental and Biological Sciences Department at the University of Eastern Finland, the achieved objective was the synthesis of effective nano-sponges for environmental remediation.

The predictive models applied to the results have confirmed the effectiveness of the solution.