

Federico Pappani

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🎓 Education

University of Parma

Bachelor's Degree in Computer Engineering

Fall 2018 – Summer 2022

Parma, Italy

Högskolan Dalarna

Erasmus Student - Master in Software Engineering

August 2023 – January 2024

Falun, Sweden

Experience

Full-stack Developer

2020 – Present

Freelance

- > Developed web platforms and mobile apps from the ground up for a few clients, using solid technologies like React, React Native, MongoDB, SQL, PHP
- > Managed databases and systems with a throughput of a few thousands users per day in a fast-paced environment

Language Engineer and Editor

2020 – Present

The Language Doctors

- > Managed internal termbases and translation memories
- > Became proficient with CAT tools and learned to deal with very strict deadlines

Internship

Summer 2016

Custom S.p.A.

Parma, Italy

- > Been an intern at the electrical engineering and firmware department of a local industry-leading company that manufactures and sells fiscal printers in more than 70 countries
- > This experience taught me the bases of problem solving and working inside a team

</> Projects

Blockchain-based Covid-19 Certification System

Bachelor's Thesis

- > Certification system with a companion React Native mobile app and Next.js platform, with QR codes support
- > Solidity smart contract to manage and create Covid-19 health certificates inside the blockchain
- > Code: thesis.pappani.me PDF: thesispdf.pappani.me

Ticketing System

Product for a client

- > Ticketing system for businesses with E-mail tickets and QR codes, built with PHP and MySQL
- > Code: ticketing.pappani.me

eCommerce Platform

University Project

- > Project for a University course, developed with React, Redux, MongoDB and Express, deployed to Heroku
- > Code: ecommerce.pappani.me

WhatsApp Arduino Bot

Personal Project

- > Remotely accessible Python and Selenium WhatsApp bot, with a companion Arduino sketch to control it via GPRS network
- > Code: arduino.pappani.me

⚙️ Skills

Technologies C, C++, Java, TypeScript, JavaScript, Go, Git, React, React Native, Node.js, Python, PHP, SQL, Express.js, Redux, MatLab, Solidity, Assembly, Docker, SciPy, NumPy, CSS, HTML, MongoDB, Haskell, Unity, Selenium, Latex

Spoken languages English, Italian, Russian