



# Raphael Pinto Gregorio

## Full Stack Developer

**Based in Europe and working as a freelance.**

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Since 2019, I have been a self-taught full-stack developer. I develop websites and web applications for clients, advising them on the appropriate technologies to choose that align with their cost requirements and quality goals. I developed my Web3 and DeFi skills through a blockchain course at Alyra school, as well as through participation in hackathons. I was hired to work at a crypto trading startup after collaborating with team members during a hackathon. With an entrepreneurial and creative mindset, I enjoy thinking outside the box to find innovative solutions.

### STACK:

**Language:** TypeScript, JavaScript, HTML, CSS

**Front:** React (Hooks), Redux (Thunks, Slices), Styled Components, Sass, Emotion

**Back:** NodeJS, Express, Nginx, PM2, JWT, Cron

**Database:** SQL (PostgreSQL) and NoSQL (MongoDB)

**Web3:** Solidity, Hardhat, Ethers, web3.js, Truffle

**Tests:** Jest, Mocha, Chai, Supertest

### EXPERIENCE:

#### **Front-end Integrator at Dexible (since August 2021)**

Development of new features and modules in React using Hooks, Redux Slices and AsyncThunks.

A web3 network selector module allowing to switch between L1 and L2 networks, a token wrapper/unwrapper allowing to quickly swap native tokens to wrapped tokens.

Bug fixing and display optimizations. Interactions with onchain blockchains data and offchain server APIs.

State management improvements and code optimisations.

Implemented TradingView Lightweight Charts for order visualization.

#### **Freelance Web Developer (since 2019)**

Database setup, server installation, frontend design and development, mobile versions, Google Lighthouse optimisations.

Websites, PERN/MERN applications, REST API servers, Unit and Integration testing.

#### **Web Integrator at Les Aliens, communication agency, 2 month internship (2019)**

Integration of design components into responsive websites (HTML CSS).

Development and integration of modules (JS).

#### **Previously Accounting and Finance Manager at HADDAD BRANDS EUROPE (Paris) and 5 years career in the Supply Chain industry.**

### EDUCATION:

#### **Blockchain Developer at Alyra school (2019)**

Cryptography methods, Merkel tree and recursive algorithms, blockchain history, introduction to DeFi, Solidity programming and hacks prevention, deployment of Smart Contracts on Ethereum testnet, smart contract auditing and testing.

#### **Master of Engineering (M.Eng.), graduated in 2013**

Industrial & Management Engineering at **ESTIA**, Biarritz, France

#### **Master of Engineering (M.Eng.), graduated in 2013**

Industrial Engineering at **Universidad del País Vasco**, Bilbao, Spain

### LANGUAGES:

**French:** native tongue

**Spanish:** fluent

**English:** fluent

**Portuguese:** fluent