

Agustín Orcha

Frontend Web
Developer



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<https://github.com/aguorcha>

Location: Malaga (Spain)

Portfolio: <https://portfolio-aguorcha.vercel.app/>

Specialized in **Frontend Web** development with skills in **HTML5, CSS3, TailwindCSS, JavaScript, TypeScript, Vue.js, React.js** and **Web Accesibility**, I am looking for a position that allows me to contribute to the development of innovative applications, leveraging my passion for technology, my taste for **challenges**, my **creativity** and my ability to **work in a team**.

Academic Information

- CodeCrypto. Blockchain Engineer Master's. November 2024-Present
- 42 Malaga – Telefónica Foundation. Software Development. November 2023-Present.
- Platzi. Frontend Web Development. 2023-2024.
- The Linux Foundation and Polytechnic University of Valencia. Introduction to Linux. 2022.
- University of Poitiers. Master's in Research and Musical Practice. 2012-2014.
- University of Zaragoza. Master's in Pedagogy, Music. 2011-2012.
- Superior Conservatory of Music of Aragon. Postgraduate in Performance, Double Bass. 2011-2012.
- Superior Conservatory of Music of Aragon. Bachelor's Degree in Music, Double Bass. 2007-2011.

Professional Experience

- Freelance Collaborator – The Graphic Method Studio, Data Visualization Specialization. March 2024 - Present.
 - SDG Prototype Project: I actively participated in the development of an application prototype designed to visualize how each municipality's budget items relate to the Sustainable Development Goals (SDGs). I used Vue.js and JavaScript to implement business logic and process XML and CSV data.
 - Earth4All Project: Layout design for a sustainability goals simulation application, using Tailwind CSS to create responsive and attractive interfaces. I was also responsible for creating some of the layout components.
 - Andalucía Social Project: I've participated from the proof of concept stage, implementing features in both frontend and backend, as well as managing client relations, for an app focused on accessibility, designed to help find associations and institutions working with and supporting all types of vulnerable or disadvantaged groups in Andalusia.

Programming Experience

I am currently pursuing specialized studies in **Blockchain** at **CodeCrypto** where I am developing the following skills:

- Development of web interfaces with React.js that connect and communicate with the Blockchain through the Ethers.js library
- Web server with Node.js
- Integration of different databases, in addition to Blockchain, in web2.5 applications
- Creation and launch of EVM networks and Ethereum node configuration

During my participation in the **42 Malaga Campus of Telefónica Foundation**, I have covered various projects that have enhanced my skills in:

- Development of a personal library in C.
- Advanced configuration of development environments.
- Design and implementation of efficient sorting algorithms.
- Graphical exploration of fractals.
- Creation of communication systems using client-server executables.

In the area of **Frontend Web Development**, I have completed various learning paths at Platzi, where I have acquired a comprehensive set of skills including:

- Logical thinking and problem solving.
- Use of Git and Github.
- Mastery of HTML5 and CSS3.
- Experience in JavaScript programming.
- Familiarity with tools such as NPM, Webpack, Vite.js.
- Ability to improve user experience.
- Experience in implementing Web Components.
- Understanding and commitment to web accessibility principles.
- In-depth knowledge of **Vue.js** and **React.js**

Technological Skills

Web Development – Frontend

- Semantic HTML and CSS
- Sass and TailwindCSS
- JavaScript and TypeScript
- Vue.js and React.js
- Node.js
- Npm, Webpack, Vite.js
- Web accessibility Backend
- Node.js
- C Version Control
- Git/GitHub Operating Systems
- Ubuntu and Manjaro Web3
- Knowledge in blockchain, Ethereum Virtual Machine, dApp creation, understanding of smart contract implementation with Solidity and data connection through Chainlink.
- Containerization and Orchestration
- Docker
- Kubernetes

Awards and Recognition

- September 2024: First prize in the NASA International Space Apps Challenge Málaga, for the Agr.ai project
- June 2024: First Prize in the 'Culture in Code' Ideathon, organized by the Culture Department of Málaga City Council and Málaga Tourism, in Collaboration with 42 Málaga Telefónica Foundation, for the VISIT.AI project

Complementary Courses and Workshops

January 2024. Chainlink.

- Chainlink Bootcamp.

October 2022. The Linux Foundation – Polytechnic University of Valencia.

- Introduction to Linux.

December 2012. School of Industrial Organization (EOI).

- Smart-Agro Workshop.

Unrelated Experience

After completing my official Double Bass studies, I moved to Paris to specialize in Historical Performance of the baroque, classical, and romantic periods. Throughout my professional career, I have had the opportunity to collaborate on numerous tours, concerts, major opera productions, and recordings with internationally prestigious orchestras and chamber music groups. The key skills I have developed through these experiences include:

- Historical Performance: I stand out for my meticulousness, critical analysis, ability to work autonomously and in teams, and complex problem-solving skills.
- Collaborations in Tours and Concerts: I have perfected my negotiation, conflict resolution, and effective communication skills, as well as my aptitude for building solid professional relationships, showing flexibility and adaptability in unexpected situations.
- Opera Productions and Recordings: I have experience in project management, strategic planning, team coordination and supervision, and meeting strict deadlines.
- Music Pedagogy: I have developed teaching skills to transmit complex concepts in an understandable way, showing empathy towards students, ability to motivate and direct individuals and groups, and adaptability to different learning levels.

Languages

- Spanish – Native.
- French – Advanced/bilingual - 10 years living in France.
- English - Intermediate – B1.

Additional Information

- Availability to travel
- Driver's license