MARCOS VALENZUELA

< Web Developer >

Forlimpopoli (FC)

@ marcos@valenzuela.dev

start2impact

valenzuela.dev

github.com/Dantalian5

in/marcos-valenzuela-dev

WHO AM I?

Full Stack Developer with robust training from Start2Impact and a background in technological research. Driven by a passion for developing end-to-end web solutions, I excel in both frontend and backend technologies such as React, Node.js, and MongoDB. My portfolio includes challenging projects that demonstrate my ability to build scalable and high-performance web applications. With a commitment to continuous learning and a keen eye for detail, I adapt swiftly to new development environments, consistently delivering results that exceed expectations.

PROJECTS

2024 — **FocusDesk | by MV (Full Stack App)**   focusdesk-ecru.vercel.app/
A Kanban-style task management system built with Next.js and TypeScript. Organize your tasks efficiently with customizable boards, columns, and tasks/subtasks.
github.com/Dantalian5/task-manager

2023 — **Devjobs-web-app (FrontendMentor)**   devjobs-web-app-five.vercel.app
Implementation of a responsive web application for job search, using React and Next.js for the frontend, and Tailwind CSS for design. Advanced features such as dynamic filters and state persistence were implemented to improve the user experience.
github.com/Dantalian5/devjobs-web-app

2023 — **Tongue-api (Start2Impact)**   tongue-api.vercel.app
The Tongue API provides a robust set of endpoints for managing users, posts, and interactions, offering comprehensive CRUD functionalities.
github.com/Dantalian5/Tongue-API

2023 — **Worldcountries-web-app (FrontendMentor)**   worldcountries-web-app.vercel.app
Implementation of an interactive web application displaying detailed country information, using React and the REST Countries API. The app includes search and filter functionalities and is optimized for mobile devices.
github.com/Dantalian5/worldcountries-web-app

EDUCATION

07/2021 – 09/2024   **Full Stack Web Developer**   Start2Impact University
Studies in web development, frontend, backend, testing, and modern frameworks. Hands-on experience through practical projects, tutored and reviewed by industry professionals.

09/2018 – 07/2019   **Specialization Course in Optics and Holography**   University of Oriente, Cuba
Advanced studies in optics, holography, algorithmization, and programming with Matlab, Simulink, and Python.

| 09/2013 – 07/2018 | **Bachelor's Degree in Physics** | **University of Oriente, Cuba** |

Studies in applied physics, theoretical physics, mathematics, advanced algebra, algorithmization, and computational methods applied to the resolution of advanced systems.

EXPERIENCE

| 2023 – | **Web Developer** | **FrontendMentor (Projects)** |

Development of interactive and responsive interfaces using public or self-developed APIs and modern technologies.

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Frontend / Backend / API / Typescript
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| 09/2018 – 11/2020 | **Researcher and Developer** | **University of Oriente, Cuba** |

Part of the research and development team of Digital Holography Microscopy, focusing on algorithmization, image processing, and software development for capturing and processing holograms.

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Matlab / Python / Simulink
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PUBLICATIONS

| 02/2021 | **Alternative use of Reflection Spatial Light Modulator in Phase Shifting Digital Gabor Holography.** | **Contributor.** |

Optik Magazine
https://doi.org/10.1016/j.ijleo.2021.166609

LANGUAGES

Spanish: Native
Italian: B2
English: B2

TECHNICAL SKILLS

Frontend: HTML, CSS/Sass, Bootstrap, Tailwind, JavaScript/TypeScript, React, Next.js
Backend: Node.js, Express, MongoDB, PostgreSQL
Tools: Figma, Matlab, VSCode/Neovim, Blender, Inkscape