SEVERO FERNANDO CARRASCO CANTOS

Civil Engineer | Front-End Developer

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HIGHLIGHTS OF QUALIFICATIONS

I am a dedicated and quality-oriented professional with a keen eye for detail. I possess strong interpersonal skills and thrive in collaborative team environments.

- 2 years of experience in developing personal **web applications**, focusing primarily on **responsive design** and the **'mobile first'** approach. My experience revolves around using technologies such as **HTML**, **CSS**, **Sass**, **JavaScript**, **JSON**, **React.js**, **Redux**, **React Router V6**, **Bootstrap** and **Tailwind** to create visually appealing and user-friendly interfaces. In addition, I have substantial experience in constructing **RESTful APIs**, utilizing **Node.js** and **Express**, with **MongoDB** and **Mongoose** serving as the **backend database** for my applications.
- 2 years of experience in solving **programming challenges** on renowned platforms such as Advent of Code, Coderbyte, Code Signal, HackerRank, and FreeCodeCamp using **JavaScript**. I have strengthened my skills in **algorithms**, **data structures**, and **programming logic** by tackling a variety of problems and challenges on these platforms.
- 3 years of experience as a Civil Engineer, I have worked in architectural and civil design using AutoCAD and CivilCAD. Additionally, I have experience in 3D modeling of houses using the BIM (Building Information Modeling) methodology with SketchUp, hydrosanitary design, and septic system design. Moreover, I have experience in the design and stability analysis of retaining walls, applying Coulomb's theory and Excel for calculations. Furthermore, I have conducted unit price analysis using InterPro and Excel.
- 3 years of experience as a private tutor, specializing in Differential, Integral, and Vector Calculus, Geometry, Trigonometry, and Physics. I have successfully guided students through these subjects, providing comprehensive lessons, personalized instruction, and helping them achieve academic success.
- 2 years of experience in designing logos, icons, and illustrations using **Adobe Illustrator** and Clip Studio Paint.

- Bilingual: Spanish (native), **English** (proficient - **C1**).

- Highlighted skills: **React.js**, **JavaScript**, **ES6**, **HTML**, **CSS**, **Sass**, **Git**, **GitHub**, **jQuery**, **JSON**, **Tailwind**, **Bootstrap**, **React Router V6**, **Redux**, **Node.js**, **Express**, **MongoDB**, **Mongoose**, **Postman**, **Mobile First Design**, **Regular Expressions**, **Responsive Web Design, Adobe Illustrator**, **Figma**, **Exce**l.

EDUCATION AND CERTIFICATIONS

- **Certification: Back End Development and APIs**; freeCodeCamp — August 2023
- **Certification: Front End Development Libraries**; freeCodeCamp — July 2023
- **Certification: JavaScript Skill Assessment**; HackerRank — April 2023
- **REACT.JS Course**; Platzi — March 2023
- **Certification: JavaScript Algorithms and Data Structures**; freeCodeCamp — March 2023
- **NPM Course: Package and Dependency Management**; Platzi — February 2023
- **Regular Expressions Course**; Platzi — February 2023
- **Advanced English Course for Developers**; Platzi — February 2023
- **Asynchronism with JAVASCRIPT Course**; Platzi — January 2023
- **ECMASCRIPT (ES6+) Course**; Platzi — January 2023
- **Git and GitHub Professional Course**; Platzi — October 2022
- **JAVASCRIPT Practical Course**; Platzi — September 2022
- **Responsive Design: Mobile First Layout Course**; Platzi — August 2022
- **JAVASCRIPT Basic Course**; Platzi — August 2022
- **FRONTEND DEVELOPER Practical Course**; Platzi — August 2022
- **HTML and CSS Professional Course**; Platzi — August 2022
- **FRONTEND DEVELOPER Course**; Platzi — August 2022
- **Web Design Course with CSS GRID and FLEXBOX**; Platzi — August 2022
- **CSS GRID LAYOUT professional Course**; Platzi — July 2022
- **Civil Engineering Degree**; University of Cuenca — November 2019