

Alex Valero

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Portfolio Website: <https://valeroscode.github.io/Personal-Website/>



SKILLS

FRONT END DEVELOPMENT | JavaScript · React · HTML · CSS

BACK END DEVELOPMENT | NodeJS · Express · GO

OTHER | MongoDB · Firebase · Authentication

PROFESSIONAL EXPERIENCE

VOUS Web Team | Miami, FL

April 2023 - now

Web Developer - Volunteer

- Produces thorough deliverables in the form of JavaScript and CSS code that includes every necessary component for instant implementation.
- Solves bugs in a large codebase that includes APIs and a NoSQL database (Supabase).
- Collaborates with a team of up to 6 people to solve problems and make updates to the website.

IONNA | Remote

January - February 2024

Web Developer - Freelancer

- Leveraged the capabilities of React and JavaScript to quickly deliver a responsive company website with the aim of attracting new hires and business partners while adhering to meticulous legal guidelines.
- Created a secure authentication wall for a pre-production version of the website, allowing only company leadership to view the website.
- Met all requirements for the website upon the first formal review, made adjustments quickly thereafter.

VOUS Full Stack Internship | Miami, FL

May - August 2023

Web Developer - Intern

- Implemented business logic for an ecommerce section of the VOUSCon website which automated tracking inventory of all merchandise and each of their variants.
- Delivered cloud functions in GO for backend essentials such as querying data from the Shopify API and sending custom push notifications for a mobile app.
- Refined existing JavaScript Code and rectified bugs, thereby streamlining the user experience and eliminating redundancies which enabled users to skip three previously existing steps.

PROJECTS

Travel Smart | Plan, Budget, & Discover.

- Developed a fully responsive full stack website with a firestore database and several robust features with real world business application.
- Optimized performance by integrating algorithms that reduced the time complexity of several functions from $O(n^2)$ to $O(n \log n)$.
- Designed the codebase using a modular approach in a mostly procedural paradigm with some object oriented sections.

TinCar | Find Your Dream Car.

- Integrated an API to gather vehicle details and formulated car pricing based on average market values with automatic calculations that consider depreciation rate and added cost to specific trims.
- Handled setting up, reading, and writing to a NoSQL database & set up payment processing with stripe.
- Wrote filtering logic, code that dynamically populates the page, as well as user authentication & registration.

Umm... Actually | Academic Blog.

- Developed a fully responsive front end with both dynamically rendered and static content that fetches data from the backend.
- Created numerous endpoints to read and write to the database and support email subscription capabilities for the blog.
- Efficiently created a mobile friendly UI through a mobile first approach that first considers more global CSS styles.

