

MARCO RUIZ

Software Engineer

Los Angeles, CA | 323-393-5257 | marcoa.ruiz97@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

TECHNICAL SKILLS

Front End: React, JavaScript, TypeScript, CSS, Material-UI, Bootstrap, Chakra-UI, Tailwind CSS,

Back End: Express, Node, Python, C++, PostgreSQL, MongoDB

Tools/Skills: Git, ROS, Arduino, MATLAB, HTML, Visual Studio Code, AWS, SolidWorks

EXPERIENCE & PROJECTS

BARK Animal Rescue | [Live](#) | [GitHub](#)

Winter Hackathon: Non-profit Website Redesign

Vite | Node.js | Tailwind CSS | React

- Enhanced user experience by transforming unclear user paths and resolving broken links, resulting in a more cohesive and integrated platform in both computer and mobile devices.
- Directed a cross functional team of five developers, ensuring successful project completion through task delegation and timely issue resolution.

DevConnect | [Live](#) | [GitHub](#)

Social Media Application

MongoDB | Express | React | Node.js | Chat Engine | Chakra-UI | AWS

- Created a dynamic platform where developers connect, exchange their expertise, and collaborate on coding ventures in an effort to increase productivity and innovation.
- Developed a robust real-time messaging feature using Chat Engine, facilitating instant communication and collaboration among developers.

Tienda Maya | [Live](#) | [GitHub](#)

E-commerce Application

MongoDB | Express | React | Node.js | Stripe API | Chakra-UI

- Designed an aesthetic and intuitive storefront using Chakra-UI, dedicated to promoting Guatemalan craftsmanship in clothing and home decor.
- Architected server-side authentication and authorization using JSON Web Tokens (JWT), protecting user data and preventing unauthorized access.

CAESARR

Development of an Autonomous Search and Rescue Rover

SLAM | ROS | Python

- Achieved reliable and accurate mapping capabilities for the rover in challenging environments through rigorous testing and refinement of code.
- Documented all code, research, and testing procedures, creating a comprehensive resource for future development and troubleshooting.

EDUCATION

California State University Northridge - B.S. Mechanical Engineering

Summer 2022

General Assembly - Coding Bootcamp, Software Engineering

2023