

CHIARA MARCIAL MARTÍNEZ

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FULL STACK SOFTWARE ENGINEER

Resourceful software engineer with experience executing projects both independently and as team lead. Agile communicator translating complex industry terms into easily understood language for audiences with minimal technical proficiency. Skillful contributor to production-grade front-end applications and customized web tools for high-profile clients such as AirBnB and the New York Lottery. Consistent author of highly readable code. Strong advocate for diligent documentation. Currently looking to expand expertise in cloud technologies and containerized development for web applications as part of a collaborative engineering team.

Languages: Spanish (native), English (native), French (conversational), and Italian (novice).

Full Stack Development | Front End Development

Technical Project Leadership | Database & API Design | Development Roadmapping

TECHNICAL SKILLS

- **Proficient:** Javascript | React | React-Redux | HTML | CSS | Node | Express | Postgres | SQL | Sequelize | Git | Ajax & Axios
- **Knowledgeable:** Electron | TensorFlow.js | Webdriver | Unit Testing: Mocha/Chai, Jasmine + Enzyme | WebSockets | LaTeX
- **Basic/Competent Experience:** Ruby | Python | React Native | AWS | Xamarin | MongoDB | Laravel | Vagrant | Firebase

PROFESSIONAL EXPERIENCE

Full Stack Engineer | ROOKERY.ORG, New York Metropolitan Area

01/2022-09/2022

Consultant tasked with advising the C.E.O. on asset handoff for a live full stack application.

- Audited a pre-existing code base for continued development protocols after a transition away from an external development agency into an internal company team.
- Outlined app hosting, QA, code contribution norms, and containerization protocols for continued internal development.
- Notable tech: PHP, Laravel, Docker, React, Vagrant, & AWS

Full Stack Development Lead | NEXT HARM REDUCTION, New York Metropolitan Area

03/2020-10/2021

Provided technical leadership for a non-profit organization providing life-saving services to populations vulnerable to the national opioid epidemic. Broadened organizational knowledge of web app security, prioritizing safe encryption and decryption of users' personal identifiable information. Addressed issues impacting data security during the organization's expansion into multiple states.

- Led a team of 3 full stack engineers. Intimately involved in project roadmapping, recruitment and hiring.
- Designed and built database schemas, a secure API, web forms, and an admin desktop app.
- Oversaw volunteer programmers, defining code contribution standards, best practices, policies, deployment procedures, and user access.
- Notable tech: React, Electron, Express.JS, Sequelize, Postgres, Postman, & Heroku

Full Stack Engineer | THE BOOKING NINJA, San Francisco Bay Area

08/2019-05/2020

Returned as an independent consultant to build additional web software.

- Designed and deployed a private server for an integration with Slack, webhooks, Twilio and a custom dashboard using React.
- Notable tech: React, Node.JS, Express.JS, & Twilio API

Junior Full Stack Engineer | ROSE DIGITAL, New York, NY

01/2019-07/2019

Supported web and mobile development at a software firm w/ Fortune 500 clients specializing in augmented and virtual reality.

- **AirBnB:** Lead development of customer widgets for an enterprise-grade headless CMS used for the company's internal help center. Created a tool used by AirBnB managers for the customer care department, enabling the agile update and publication of policies, procedures, and other information.
 - Adhered closely to Airbnb coding standards, closely collaborating with stakeholders in Seattle and their partners at Contentstack.
 - Notable tech: React, React-Redux, & AWS
- **New York Lottery:** Contributed to the complex, front-end buildout of a single sign-on (SSO) web app accessed by millions of people. Enabled the simultaneous consolidation and verification of user data from separate databases against an IDW service.
 - Designed quality assurance elements as part of system approval processes, closely working with offshore global engineers.
 - Built the company's first E2E WebdriverIO integration testing pipeline using SauceLabs Tunnels.
 - Developed and customized web augmented reality (AR) apps using Aframe, 3.js+8th Wall after the company tapped the AR space.
 - Performed multiple demos for prospective clients as part of business development activities.
 - Notable tech: React, Aframe, & Webdriver

Company Coder / Agent | THEBOOKINGNINJA.COM, San Francisco, CA

03/2017-12/2018

Supported a startup focused on 24/7 online bookings and operations for the tourism industry for 40+ clients in 6+ states with varying time zones in dual roles as an engineering solutions provider and an agent. Created documentation for all technology solutions.

- Built and maintained client booking portals from conception to implementation using basic Bootstrap templates w/ the Talkus.io API.
- Coded a custom Slack-integrated Node app used to handle incoming calls.
- Notable tech: HTML, CSS, Node.JS, & Express.JS

EDUCATION

Graduate, Fullstack Academy of Code: WDF 1804 (software engineering immersive), New York, NY

Bachelor of Arts in Philosophy, Loyola University, New Orleans, LA