

CHIARA MARCIAL MARTÍNEZ

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FULL STACK SOFTWARE ENGINEER

Resourceful, challenge-seeking 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 author of clean code, front-end applications, and customized web tools for high-profile clients such as Airbnb and the New York Lottery. Consistent maintainer of highly readable code for optimal collaboration and version control. Very strong advocate for diligent documentation. Currently looking to expand expertise in cloud technologies, system resilience, and containerized development for web applications. Spoken languages include Spanish (native), English (native), French (conversational), and Italian (novice).

Full Stack Development | Infrastructure Development | Technical Leadership | Technical Planning | Testing
Technical Project Management | Cross-Functional Collaboration | Machine Learning | Client Management Leadership | Business
Development | Product Demos | Multi-Service Application Development/Deployment | Early Stage Product Development

PROFESSIONAL EXPERIENCE

Consulting 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 a 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

Progressed from initial hire as a consultant tasked with designing an architecture with a secure submission form to project leadership through oversight of 3 full stack development engineers. Diagnosed security vulnerabilities, replacing third-party systems with newly built and customized systems operated on company-hosted and owned infrastructure. Broadened knowledge of system security, including data encryption. Addressed issues impacting data security during the organization's expansion into multiple states.

- Outlined protocols for dealing with law enforcement requests for sensitive data.
- Oversaw volunteer programmers, defining code standards, policies and procedures, and user access.

Consulting Engineer | THE BOOKING NINJA, San Francisco Bay Area

08/2019-05/2020

Built front-end web pages using HTML, CSS, and Bootstrap before eventually developing customized tools.

- Deployed server for integration with Slack, webhooks, Twilio, and other software. Customized workflows and a dashboard using React.

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

01/2019-07/2019

- **Airbnb:** Lead development of the front end for an enterprise-grade headless CMS used for Airbnb's internal help center. Created a modular widgets 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 engineers in Seattle and their partners at Contentstack.
- **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 next E2E WebdriverIO framework 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.

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 all clients booking portals from conception to implementation using basic Bootstrap templates and Talkus.io API.
- Created a branded Slack-integrated Node app used to handle incoming calls.

Avid Editor | SBS/MEGATV, Guaynabo, PR

04/2015-06/2016

Transcoded and completed final cut of archive footage for the *La Bóveda del Gangster with Tony Sánchez* show.

- Produced seven weekly broadcast-ready episodes with no oversight.

EDUCATION

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

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