

# CHIARA MARCIAL MARTÍNEZ

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## FULL STACK SOFTWARE ENGINEER

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### Full Stack Software Engineering Fellow | FORMATION, remote

02/2023-Present

Selected for highly-competitive fellowship for personalized coaching from engineers at Meta, Microsoft, and other top-tier tech companies.

- Completed intensive training to master computer science fundamentals through daily coding exercises, independent study, pair programming, and mentor-led group sessions.

### Consulting Engineer | ROOKERY, New York Metropolitan Area

01/2022-09/2022

Partnered with CEO for full stack live application overhaul for browser-based art archival software.

- 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, replaced third-party systems with newly built and customized systems, operated on company-hosted and owned infrastructure.

- Implemented broader security standards organization-wide in regards to PII encryption as we migrated apps onto cloud-hosting.
- Addressed issues impacting data security using OWASP guidelines during the organization's expansion into multiple states.
- Outlined protocols for dealing with law enforcement requests for sensitive data.
- Trained volunteer programmers, defining code standards, policies and procedures, and user access.

### Consulting Engineer | THE BOOKING NINJA, San Francisco, CA

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.

### Software Engineer | ROSE DIGITAL, New York, NY

01/2019-07/2019

**Airbnb:** Lead development of the frontend 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:** Built out front-end 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 E2E WebDriverIO framework using SauceLabs Tunnels.
- Developed web augmented reality (AR) apps using Aframe, 3.js+8<sup>th</sup> Wall.
- Presented multiple demos for prospective clients as part of business development activities.

### Sales Engineer | THE BOOKING NINJA, 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 the Talkus.io API.
- Created a branded Slack-integrated Node app used to handle incoming calls.

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## EDUCATION

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Graduate, Fullstack Academy of Code: WDF 1804 (Software Engineering Immersive), New York, NY

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

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## CORE SKILLS

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Javascript | Typescript | React | React-Redux | CSS | Node | Express | Postgres | SQL | Git | Python

Spoken languages include Spanish (native), English (native), French (conversational), and Italian (novice).

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## RELEVANT EXPERIENCE & AWARDS

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2020 Winner of the MIT Center for Art, Science & Technology grant for *Generative Unfoldings* exhibition in collaboration with [Cloud9](#)

Winter 2020 [Inclusion](#) Career Accelerator Program Cohort in NYC

2018 Co-Author of [MIME](#): a TensorFlow-powered wireframing tool in collaboration with [Lizz Thabet](#) and [Ivan Felix](#)