

# Michael Manoguerra

Full Stack Software Engineer

I am a passionate and hardworking individual who is driven to do excellent work and to learn quickly. I have the experience to analyze the available scope to judge how much time to give to iterative improvements alongside feature development.

## AROUND THE WEB

<https://michaelmanoguerra.com>

<https://linkedin.com/in/mlcwlomtamlzujmczryr/>

<https://github.com/mikeymanoguerra>

## EXPERIENCE

### Houwzer Inc – Full Stack Software Engineer

2021 NOV - PRESENT

AWS - PostgreSQL - Ruby on Rails - Angular - SCSS

Real Estate Startup

- Implemented two-way integrations with multiple third party real estate APIs including Hubspot, Dotloop, Qualia, and MLSes.
- Write database migrations to keep existing transactions in line with current business processes.
- Upgraded SPA from Angular 7 to Angular 15 during tenure.
- Championed page level query params, stateful routes, and dynamically rendered components for better user experiences.
- Created and implemented a re-skinnable design system.
- Built and maintained a websocket based ticketing system.
- Built a custom state management for an in house form builder for management users.

### 160over90 – Front End Developer

2019 NOV - 2020 MAY

Digital Ocean - Twig - SCSS - Greensock - vue3

Design and Branding Agency

- Participated in many design iteration processes between customer, UI/UX team, and dev team.
- Built CMS components implementing atomic design architecture and design systems, DRY principles were paramount.
- Work was meticulously peer reviewed by multiple invested parties.
- All projects were required to be WCAG spec accessible.

Philadelphia, PA, US  
+1 (925) 381-1444  
mdm645@protonmail.com

## PRIMARY SKILLS

Typescript: 4 years

PostgreSQL: 4 years

Ruby On Rails: 3 years

Angular: 3 years

Django: 2 years

Python: 4 years

React: 3 years

AWS: 1 year

Javascript: 5 years

HTML/CSS: 5 years

## OTHER SKILLS

Responsive Design

WC3 WCAG 2 Accessibility

DOM APIs

Rxjs

Python Flask

Python Pandas

Greensock Animation

Redux

SCSS

Nginx

RSpec

Vue3

Delayed Job

Linux

Docker

Karma Test Runner

Test-library

Bootstrap CSS

MongoDB

Digital Ocean

## **Boxplot Analytics – *Application Developer***

2019 SEPTEMBER - 2020 APRIL

Heroku - PostgreSQL - Docker - Django - Pandas - SCSS

Analytics SaaS Company

- Original developer for greenfield social media analytics dashboard in Django.
- Built cron jobs to run at intervals to collect analytics data for time series analysis.
- Built third party API integrations for Twitter, Facebook, Chargebee, and others.

## **Trilogy Education – *Teacher's Assistant***

2019 AUGUST - 2020 FEBRUARY

Javascript - Node - React - MongoDB - MySQL

University of Pennsylvania LPS Hosted Developer Bootcamp

- Assisted students in web based software design patterns, frameworks, and implementations.
- Some of the technologies focused on include HTML, Bootstrap, React, Node, Express, Database ORMs, web scrapers, templating libraries, and authentication.
- Duties include debugging student code, pair programming with students, general mentorship.

## **SMASH Academy at the Wharton School – *Computer Science II Instructor***

2019 JUNE - 2020 AUGUST

Javascript - P5.js

Extracurricular Program for Underrepresented High School Students

- Work with high school students with a wide range of computer literacy.
- Build small projects focused on DOM interaction and animation.
- Tenure included a monthslong, daily summer intensive course and two winter weekend follow up courses.

## **EDUCATION**

### **Thinkful – *Full Stack Engineering Immersion***

2018 DEC - 2019 MAY

- Learned best practices on current industry leading software and frameworks from proven industry professionals and educators.
- Curriculum included jQuery, React, Node.js, Express, PostgreSQL, MongoDB, Redux, and a month-long data structures and algorithms section.
- Daily pair programming, capstone projects, live coding exams, and access to code and career mentors provided a strong foundation for entering the tech industry.

## **IN ADDITION**

Personal Projects can be found on my website, <https://michaelmanoguerra.com> . Professional experiences excluded from this resume for brevity include multiple freelance projects, volunteerism, and being a mentor for Code for Philly's fellowship program. References available upon request.