

# Michael Mancini

## Software Engineer

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Full-Stack developer with a specialty on the Front-End. Passionate about hybrid apps, fast websites, and cutting edge tech. Always up-to-date on the latest Javascript releases and architecture patterns.

## Experience

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### *Full-Stack Developer, Consulting*

Remote, 2020-2022

#### Apple

- Developed new Ad Placement configuration dashboard for the App Store Ads Platform using an Nx mono-repo with Angular micro-frontends
- Contributed to internal Web Component & CSS libraries using Sass, Stencil.js, Jest, & Storybook

#### Yum Brands

- Updated KFC ordering system to consume new API with GraphQL endpoints
- Implemented AI chatbot integration with Azure's Bot Service and natural language processor LUIS
- Prototyped a generic ordering platform to integrate with POS systems and test incremental static regeneration for menu items

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### *Full-Stack Developer, goPuff, Philadelphia PA, 2019 - 2020*

#### Snack Delivery Service - [www.gopuff.com](http://www.gopuff.com)

- Refactored and optimized Vue product app and Node APIs
- Worked with UI/UX Designer to develop new header leading to large increase in conversions as well as a Braintree payment processing form and re-usable Vue components
- Utilized many features in Azure including CosmosDB, Stored Procedures, Function Apps, and Application Insights for accessing data and monitoring errors

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### *Full-Stack Developer, Goji Systems, Blue Bell PA, 2018 - 2019*

#### Self Ordering Kiosk for Restaurants and Fast Food - [www.gojikiosk.com](http://www.gojikiosk.com)

- Certified by Spin and Tenerum card-present payment gateways and developed a Node.js microservice to process transactions and an Angular interface to view and refund them
- Integrated Epson and Bixolon printers into the kiosk and built an interface for restaurant owners to customize receipt formatting and details
- Designed and developed a UDP scan system to detect nearby printers and pin-pad terminals for pairing, testing, and configuration. Ran from the kiosk itself and also computers on other networks
- Implemented a scheduling system for restaurant owners to set available dates and times of specific menu items and advertisement screens

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## Short-Term & Self-Released Work

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### **Plebeian Marketplace** (discontinued)

- Built the infrastructure and hybrid app for a marketplace platform for artists to buy, sell, & share their work. I used the Stripe ecosystem to facilitate payments and payouts to artists, Firebase for the back-end functions and database, and Angular & Capacitor were used to build the client-side.

### **XTrades** [www.xtrades.net](http://www.xtrades.net)

- Handled the onboarding flow and authentication for a stock trading platform for learning, tracking, and hosting tournaments based on the market. This was built with Ionic and Angular on the front-end for the website and hybrid app, and C#/.NET with Entity Framework and SQL Server on the back-end.

### **Ownable** (discontinued)

- Developed features for a rent-to-own ecommerce store and prototyped an Ionic hybrid app for an improved mobile experience. I made significant improvements to the client-side state management and also developed a microservice using Node & MongoDB to auto-generate marketing lists based on customer and purchase data.

### **PokeCards** [www.pokecards-app.web.app](http://www.pokecards-app.web.app)

- I re-discovered a childhood passion and made an app to easily view, sort, search, and organize every set of Pokemon Cards! The user interface is designed to make the most of the screen real estate on large screens with a slightly different layout for small screens and mobile.

### **MenuMash** [www.menumash.app](http://www.menumash.app)

- Tinder-for-food style swiping app built with Ionic and Firebase that pulls restaurant data from EatStreet. Users can discover nearby food using geolocation, zip code, and configurable filters.

### **The Art of Cooking Salmon** [www.theartofcookingsalmon.com](http://www.theartofcookingsalmon.com)

- A hybrid app I made to share pictures and recipes for my favorite food! I started from my re-usable social network schematic that automatically generates Ionic components and focused on an elegant UI and sophisticated image handling (cropper/editor, drag/drop reordering, file compression, etc).

### **Essentials Anonymous** [www.essentialsanonymous.com](http://www.essentialsanonymous.com)

- Launched an anonymous social network for essential employees to comfortably share working experiences during the early stages of the coronavirus pandemic. This included posts, comments, search, notifications, and customizable theming.

### **Carona Balona** [www.caronabalona.com](http://www.caronabalona.com)

- Visualization website I made at the height of COVID that displays info from the Johns Hopkins Data Repository. This was a fun project to learn Svelte.js and implement elegant charts for a practical cause.