

Michael Tyler

Software Developer

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ABOUT ME

As a Software Developer transitioning from the automotive tech and hospitality industry, I enjoyed constantly learning and problem-solving. I needed to find something that I could transfer my skills to and not be so hard on my body. That's when I discovered software development, where I could continuously build, learn, and design.

TECHNICAL EXPERIENCE

Nashville Software School, Software Developer

July 2020 - January 2021

A six-month accelerated program focusing on full-stack development projects in a remote environment. Tech stack focus on HTML, CSS, Javascript, React, Python, Django. Application version control using Git and GitHub, while writing our code in visual studios code.

- *Holiday Road*, a group learning project, finished in a 5-day agile-SCRUM sprint. Built a 5-day weather forecast component in vanilla Javascript using the openWeather API with the National Park Service API to retrieve the longitude and latitude. This project was designed to help my team demonstrate event flow, asynchronous functions, and designing a site by a specific user profile.
- Front end capstone, *Tussle*, a freelance contracting app for independent wrestling organizations. This app was built with React, styled with CSS, and featured a JSON server for data management. This project helped show my ability to wireframe and design an ERD with many to many relationships while creating an app with full CRUD functionality.
- *Rare*, a 3 sprint agile-SCRUM group project. This full-stack publishing app with user roles and complex data relationships was initially built using a Python+SQL server, then replaced that server using Django. After each sprint, we held a retrospective to learn from our experience and determine our plan of action for the next sprint. This was a great way to learn teamwork in an agile environment.
- *What To Do*, a full-stack application built with a React client and Python/Django server. This application is a task prioritizer based on the Eisenhower Matrix. The front end was designed with UI/UX in mind. App features complex filtering on the backend for easier implementation on the front end. The app is styled using React-Bootstrap for consistent styling and responsiveness. The client is hosted on Heroku with the server deployed on Pythonanywhere. <https://importantvsurgentmatrix.herokuapp.com/>

WORK EXPERIENCE

The Melting Pot

Server/ Bartender

February 2018 - June 2020

- Maintained communication with front and back of the house during fast-paced shifts
- Helped improve productivity through reorganizing, new procedures, and regular staff meetings
- Increased sales by adding a dine-in feature at the bar top
- Crafted new recipes as well as perfected old ones for the guest experience

Cocoa Hyundai

Window Tint/ Paint Protection Specialist

February 2015 - February 2018

- Worked with guests to best guide them based on their product needs
- Started a window tint and paint protection shop with zero previous experience by learning all practices and procedures with a trainer for 2 months

Coastal Hyundai

Automotive Technician

May 2011 - February 2015

- Vehicle maintenance and diagnosing problems
- Continually learned under a shop foreman as well as other senior technicians
- Maintained communication with a team of 8-10 technicians