

COOPER NICHOLS

FULL-STACK SOFTWARE DEVELOPER

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PROFILE

I've always enjoyed creating things with other people. Whether it's writing music with a band of musicians, or creating and pouring cocktails with fellow bartenders, I've always found fulfillment in expressing myself creatively with others. So when an old friend and Nashville Software School alum told me about all of the exciting possibilities of being a software developer in the thriving tech community of Nashville, I knew it was an opportunity to pursue. Now I bar tend part-time while striving to become a professional developer.

EDUCATION HISTORY

Nashville Software School

Full-Stack Web Development

Middle Tennessee State University

Digital Animation 2012-2016

PROJECTS

toneTrunk

toneTrunk is a React application designed for guitar players to keep track of the settings applied to all of their gear when creating unique tones. Users can create libraries of all of the guitars, amplifiers, and pedals they own, and then create a library of unique "tones" that represent the settings they have applied for any given tone.

https://github.com/CoopNich/FrontEnd_Capstone

Tenders

Tenders is a full-stack React/Django application designed to allow bartenders and cocktail enthusiasts to search an extensive external database for unique cocktails recipes and save them to their own library. They can also create their own cocktails from scratch.

<https://github.com/CoopNich/Tenders-React>

<https://github.com/CoopNich/Tenders-Django>

TECHNICAL EXPERIENCE

Nashville Software School

Jan 2020 - Present

Software Developer

Intensive full-time 6 month software development program learning full-stack technologies through the creation of applications individually and in the group setting.

- HTML/CSS languages used to create and design simple web pages
- JavaScript logic allowing users to create, read, update, and delete content in web applications
- JSON and API fetch used for data management and storage, and Postman used to test API fetch queries
- React for modular, component-based application building using state & hooks
- Python, Django, and REST framework used for server-side applications and API management.
- SQL and TablePlus used for manipulating databases.

Group Project - Welcome to Nashville

<https://github.com/CoopNich/welcome-to-nashville-ghost-ducks>

- Used HTML, CSS, JavaScript, and JSON server to manage a database and create an itinerary building app with a team of 4.
- Users can search for restaurants in the Greater Nashville Area, and save them to their planner.
- Personally responsible for building the "Restaurants" section of the app, which accessed an external API provided by Zomato.

Group Project - Bangazon LLC.

<https://github.com/CoopNich/bangazon-ecommerce-api-eos-terminal>

<https://github.com/CoopNich/bangazon-ecommerce-web-app-eos-terminal>

- Full-stack e-commerce application designed to allow users to browse a collection of products sold by other users, order those products, or sell their own products
- Front-end application uses React, JSX, and CSS3
- Back-end application uses Python and Django REST framework
- Personally responsible for the "Product Categories" feature, and the Home page. The Home page dynamically displays products based on if a user is logged in and also if a user has any products they are personally selling.

PROFESSIONAL EXPERIENCE

Burger Republic

Oct 2016 - Present

Bartender

- Utilized knowledge of cocktails and craft beers to serve customers and provide my fellow front-of-house staff with drinks in a timely fashion
- Provided thoughtful service to customers to satisfy their needs and ensure returned visits
- Showed pride in work by always looking presentable as an individual, and keeping the bar clean and hygienic for guests and fellow employees
- Opened and closed the bar independently. Kept track of hundreds, sometimes thousands of dollars through a shift.
- Trained new wait staff and bartenders

Vector Marketing

May 2013 - August 2014

Field Sales Lead

- Developed a network of new and existing customers through personal referrals from successful sales
- Trained and guided new Vector employees through on-site demonstrations and interactions with customers
- Sold over \$15,000 of Vector products during employment
- Placed in the top 5% of sales numbers during a regional sales competition of hundreds of Vector sales associates