

NOLAN LITTLE

SOFTWARE DEVELOPER

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PROFILE

My path to web development has not been a straightforward one. While, I had been interested in computers my whole life, I had never tried my hand at programming. The start of the path may have been my college study of Music Business with a focus on Audio Engineering. In the course of my degree I completed an independent study using Pure Data, a graphic programming interface to create a fully software driven effects pedal. At the time, I had no idea I was learning general programming concepts or even what that would have meant. Now that interest has come full circle. Learning web development has given me the opportunity to exercise the logical side of myself as well as employ my creative spirit to solve problems, and to impact and help others.

EDUCATION

Nashville Software School
Full Stack Developer

S.U.N.Y. Oneonta
B.A. Music Industry
minor in Audio Arts Production

VOLUNTEER

Swing Dance Nashville
Jan 2015- Present

International Rescue Group
Dec. 2016- Feb. 2017

B.S.A. Eagle Scout
2002-2009

SOFTWARE EXPERIENCE

Nashville Software School Oct. 2018 - Present

Intensive full-time 6-month software development bootcamp anchoring learning with both individual and team-based projects. Tech Stack: Python/ Django; React.js; Javascript; HTML5; CSS3; SQL fundamentals.

Group Projects

Nutshell

A personal dashboard application, providing an inclusive user experience to create and manage a calendar of events, a to-do list, and saved news articles, as well as chat with other users on a public message board. Created in a team setting.

- Created utilizing Browserify to manage Javascript modules with JSON server to handle a database with flat data structure.
- Primary role within team of creating a fully CRUD capable to-do list.
- Utilized Materialize CSS framework for consistent styling throughout the application.
- Dynamically generated HTML utilizing javascript to create a single page application with a simple user interface.

Bangazon Inc. Internal HR application

A company resource management application. For internal use to to create, access, and edit records regarding employees, internal departments, training program attendance, and computer allocation

- Created with Python using the Django Web app framework, utilizing the ORM to interact with a relational database with a flat data structure.
- Utilizes the Django test suite for unit testing.
- Leverages Django class based forms and templates for dynamically created html

Personal Projects

ReSpeak

A dictaphone and organizational application, created with simplicity and a versatile range of use cases in mind. Allows the user to record and save audio clips, whether they be a short song idea or an entire meeting. Attaching text to a recording allows for simple documentation and a collection system allows the user to reorganize their notes in an accessible way as they create more content.

- Used React.js to recreate ReSpeak, personal dictaphone app with full CRUD capability and long term storage of user generated audio files.
- Leveraged React components and Reactstrap to handle authentication layer, single page layout, and modals for a dynamic single page user experience.
- Used Firebase storage for long term storage of user generated sound files.
- Utilized JSON server in conjunction with Firebase to work with user generated data and relating data to audio files in Firebase storage

OTHER EXPERIENCE

Server and Bartender Oct. 2013- Sept. 2018

- Used detailed knowledge of menu items, cooking techniques, and classic cuisine to interact with guests and provide a unique experience based upon their expectations, knowledge, and preferences.
- Created unique cocktails and ingredients for the beverage director to utilize within the bar program.
- Assisted other servers with wine education and when necessary as a liaison to tables throughout the restaurant to provide formal wine service.
- Trained new servers and bartenders how to work within the team and communicate effectively with both other front of the house staff as well as the chef and cooks.