Charles Grogan

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My Story

I am business professional with nearly a decade of experience specializing in sales, account management, and was even a general manager of a large-scale restaurant for a few years. I have worn many hats and have learned a tremendous amount of knowledge about business, people, and how to communicate effectively. While I have earned many successes and accolades in the business world, I was left feeling of empty/unfulfilled professionally. I was also not being true to myself. It is for this reason, I made the decision to finally align my personal and professional goals – I invested in my future by enrolling and graduating from a Full Stack (MERN) Coding Bootcamp at Northwestern University.

My Projects

Virtual Hostel – Leading a team of four; we designed, developed, and launched a Full Stack Application built on React, Mongo DB via Mongoose to store user data (RESTful API), Passport sign in feature, AJAX calls via Axios, and Bulma CSS framework. Our site is hosted on Heroku and allows users to share their travel experiences: what to do, where to eat, how to get there, and even share photos.

Campaign Query – By using stunning data visualization, my team and I explored campaign finance contributions: the individuals, the special interest groups, and PACs and Super PACs. In this project I implemented Sequelize, a MySQL database to store data from opensecrets.org, then utilizing back-end JavaScript I linked our database to our data visuals using amCharts and HighCharts. Currently the UI is built using strict CSS for style, a Node.js environment application and HTML layout. The server side is run using Node.js environment and Express.js – Hosted via Heroku.

appDoption – At appDoption we believe every pet needs love, regardless of age. That's why we designed and built an animal adoption website. Simply enter your zip code, select either dogs or cats and in a flash, you are connected to the Petfiinder API, which then renders a random selection of animals in your zip code waiting to be adopted. The site is built on JavaScript, jQuery, we also incorporated Firebase and the HERE maps API.

Friend Finder – I built a friend finding application running on an Express.js server, a JSON RESTful API that stores user input, Node.js runtime environment, JavaScript to run calculations on who is most compatible, jQuery connects to Bootstrap for an incredible UI/UX and is hosted on Heroku.

bAmazon - I created a simulated store front on the command line using Node.js, NPM package Inquirer, and MySQL. This application tracks inventory in a remote database, calculates the cost of goods purchased and informs them when there is insufficient inventory to complete a purchase.

NYT Web Scraper – I built a JavaScript based application that uses Ajax calls to the New York Times articles API based on subject matter searched. The RESTful method is used for this process The UI is composed from combining Bootstrap and CSS elements.

Education & Experience

Northwestern University – Chicago, Illinois	**Enterprise Holdings - 5.5 years of service**
Full Stack (MERN) Web Development Certificate	Branch Manager / Sales
&	**&**
Ohio University – Athens, Ohio	**Union Station Restaurant - 2.5 years of service**
Bachelor of Science; Minor Business Administration	General Manager