Jake Scott

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Work Experience:

**Nashville Software School - May 2019 - November 2019**

-Hands on application of object oriented programming fundamentals through group and individual projects reflecting real-world business problems

-Using React, Javascript, CSS, and HTML, built browser-based single page applications

-Source code version control via Git/GitHub and managing with GitHub projects

-JavaScript fundamentals using dry, modular code and reusable components

-Experience using Bootstrap, Semantic UI, Jquery, and CSS to style web applications

-Leverage SQL to build and interact with databases

-Utilize Python and Django to build web applications Experience using Django REST to build an API

Personal Projects:

**OurCity- React.js, MapBox API, Cloudinary API, Bootstrap, CSS**

A single page, responsive, CRUD web app built for raising critical infrastructure defects to the officials that have the power to resolve them. I developed the app using react.js, styling with bootstrap, and a simple JSON server for the backend. I used two API’s, one is the Cloudinary API for image upload and storage and the second is the MapBox API for acquiring coordinates for the issue form and the interactive map.

**AutoSearch - Django, Python, SQLite, SemanticUI, JSON**

I wanted to search the entire internet of cars for sale without having to navigate through promoted vehicles and websites. I used Python and Django’s web templates to interact with my SQLite database. I also wanted to use an external API to gather the data from and store it in my own db for reference. I’ve built this app that uses MarketCheck’s Api. Their bots crawl all of the used car listings and place them in an API.

GROUP PROJECTS:

**Bangazon E-commerce - Python, Django, React, SQLite**

This is a full stack application built with my group of four classmates. It allows users to buy and sell different products. The server side was built using Python with Django framework and the client side was built using React. I had a role in all aspects of the project but was predominantly focused on building the shopping cart and payment options.

**ReactShell - React.js, Javascript, Reactstrap, CSS, JSON**

Single page application built with React.js. It was designed to bring several aspects of online interaction together in one application. In it, a user can manage tasks, add events and news articles, and add friends. I had a part in all areas of the application but was centered around building the tasks page.

**Murphy’s Motor Works -- August 2013 - March 2019**

*Owner*

• Pinpointed diagnosis of multiplex 12vdc electrical systems with OE and aftermarket interface

• Built customer relations, Income and expense accounts, managed parts and supplies

• Delegated tasks to employees, accounted for taxes and payroll with Quickbooks

• Developed new revenue streams like rebuilding hybrid batteries, custom metal fabrication, and hard-to-reach broken bolt removal

• Acquired an Auto dealers license- bought, listed, and sold vehicles

• Communicated with each customer by explaining the process of repairs vs cost vs importance

• Determined the expected repair time per vehicle and knew what to start first due to having a small shop with lots of customers with varying repair times

• Solved simple shop issues with a Raspberry Pi and running PiHole on the network router to have an ad-free YouTube channel for the shop

**Co-Owner of Rook Industries - Jan 2012-June 2013**

*Product design and fabrication*

• Developed and fabricated chassis bracing products

• Utilized AutoCad and SolidWorks for design

• Promoted business via social media for events and influencers

**USA Motor and Machine 2009 - 2012**

*Engine Machinist*

• Creative problem solving through the machining process

• Handled customer relations intimately to determine their needs of our services based on their goals

• Maintained and operated complex machines including the crankshaft grinder, boring, milling, honing, line boring, and valve grinding machines

• Started and developed their welding and fabrication department

**EDUCATION**

**Nashville Software School -** Full Stack Software Engineer

**Nashville Auto Diesel College -**Automotive Repair and Diesel Specialties

**SKILLS** - Agile Development - Scrum Framework JavaScript - CSS - Flexbox - React.js - Python - Django Application Framework - SQL - Django REST Framework - Django ORM