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JAKE SCOTT

FULL STACK SOFTWARE DEVELOPER

ABOUT ME

I have always been a mix of creative and analytical and have aspired to find a career where this duality co-exists. As a business owner and fabricator, I was able to explore my creativity and pore over details and strategy, but the small scale auto repair industry left me wanting more. As a software developer, I am now able to bring my analytical and creative mindset together in a harmonious way.

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 these problems. I developed this app after noticing the roads and sidewalks in the lower income areas where people utilize the sidewalks as a means of transportation rather than enjoyment, were in poor condition compared to the sidewalks in higher income areas.

<https://github.com/MrNolce/OurCity>

Kennel is a single page, responsive, CRUD web app built with React.js, and Bootstrap for styling. It is a simple CRUD single page application where the user is able to add animals to care for and employees as their care takers.

<https://github.com/MrNolce/Kennel>

EDUCATION

Nashville Software School
Full Stack Software Engineer

Nashville Auto Diesel College
Automotive Repair and Diesel
Specialties

WORK EXPERIENCE

Nashville Software School - May 2019 - Current

Software Developer

- Hands on application of object oriented programming fundamentals through group and individual projects reflecting real-world business problems
- Using React, CSS, HTML, and Javascript, built browser-based single page applications
- Source code version control via Git/GitHub and managing with GitHub projects

GROUP PROJECTS:

Bangazon E-commerce - Python, Django, React, SQL

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 predominately focused on building the shopping cart and payment options.

<https://github.com/MrNolce/Welcome-to-Nashville-Project>

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 role in all aspects of the project but was predominately focused on building the tasks page.

<https://github.com/nss-day-cohort-33/bangazon-public-api-vendacien-caliphate>

Murphy's Motor Works -- August 2013 - March 2019

Owner

- Developed new revenue streams like rebuilding hybrid batteries, custom metal fabrication, and hard-to-reach broken bolt removal
- Built customer relations, Income and expense accounts, managed parts and supplies
- Delegated tasks to employees, accounted for taxes and payroll
- 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
- Pinpointed diagnosis of large scale, 12vdc electrical diagrams with manual and third party interface
- Solved simple shop issues with a Raspberry Pi and running PiHole on the network router to have an add 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 Machinest

- 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