Nick Carver

FULL STACK SOFTWARE DEVELOPER

📞 (270) 543-3086
✉ nicholascarver2@outlook.com
in linkedin.com/in/nick-carver
github.com/nch66862
🌐 nick-carver.dev

MY DEVELOPER PATHWAY

I found a lot of satisfaction in programming with simple flow-chart logic through a STEM program In high school. I was, however, on a course that would take me Into mechanical process and design engineering. After a few years doing fieldwork and finding myself on a computer connected to a PLC, sensor, or a robot controller, I knew programming was truly what I enjoyed doing. I saved up and applied to Nashville Software School and have not regretted it a single moment. I hope to share my enthusiasm of the world of technology with whoever Is Interested and build great applications.

Individual Projects

SERVE STILL MORE

Call center management for the local church | built with React

A single page web application which allows people of the church to stay better connected when they cannot meet in person. The app has two dashboards, one for managers and one for callers. The manager is allowed to view, create, edit, and delete members, share notes with the callers to be passed on during phone calls, and split callers and members into groups. The caller views all the members in their group, the notes from the manager for their group, and a specific list of members to call. The callers can create notes about member-specific conversations. Callers can also add, edit, and delete members in.

- Uses React hooks to manage state
- JSON server was used as the database
- Styling was all done using CSS3

🔗 github.com/nch66862/serve-still-more

Education

NASHVILLE SOFTWARE SCHOOL

Full Stack Web Development Bootcamp | June 2021

WESTERN KENTUCKY UNIVERSITY

BS In Mechanical Engineering | Minor In Systems Engineering | May 2017

TECHNICAL EXPERIENCE

NASHVILLE SOFTWARE SCHOOL

FULL STACK WEB DEVELOPMENT BOOTCAMP | Jan-June 2021

A non-profit technical college with a mission statement that focuses on finding talent In the Nashville area and training those talented Individuals to be career ready for tech positions In the greater Nashville community.

- Developed dynamic single-page applications using React on a foundation of modern ES6+ JavaScript
- Learned fundamentals such as HTML, CSS, JSON data structures, reusable components, Entity Relationship Diagrams, and wire-framing.
- Exposed to an Agile environment through frequent group projects that included daily stand-ups, project board planning, code reviews, issue tickets, and problem solving.
- Used Github to handle feature Implementation, comment on code, measure progress, and create specific Issue tickets for bugs and specifying new features.

Group Projects:

RARE

Post - Comment - Follow | Full Stack | built with React & Django

- A single page application which allows users to post about topics to a public board and allow other users to comment and react to those posts. Users can also subscribe to each other.
- Individually responsible for getting users registered and logged in, getting user profiles to display, assigning permissions, and handling promotion/demotion.
- The three person team performed a five-day sprint using 47 Issue tickets and a project board as a measure of progress.

NUTSHELL

Save Data - Share with friends| Front-End | built with React

- A single page application which allows users to see data that only pertains to them and the other users whom they had connected with as friends.
- Four person team, Individually responsible for building the events portion. Designed a form for the user to input a new event, specific styling of an event if It were the next one to occur, and implementation of a third party API which gave the weather at the location of the event.
- Collectively designed the Entity Relationship Diagram, the wireframe, and the landing page for the site.
- User specific data was fetched from JSON server

SPRINKLES OF JOY

View - Shop - Buy| Front-End | built with Vanilla JS

- Single page application which allows logged in users to view all bakery items and their price, view reviews, and leave a review. Users can add items to their shopping cart, make pseudo purchases, and track their order status.
- Of the two person team, Individually responsible for showing the product rating on each menu Item, displaying, creating, and deleting reviews, and filtering the bakery items by category.
- Team collectively designed the Entity Relationship Diagram, the wireframe, and dependency chart for the site.
- The user specific data was fetched from JSON server

Professional Experience

TEKNO INC
MECHANICAL ENGINEER/PROJECT MANAGER | March 2020-November 2020
- Lead designer and main customer contact for each assigned project
- Designed the details of the automated assembly line or modular system using AutoCAD and SolidWorks, created drawings, submitted parts to be ordered.
- Oversaw the construction of the equipment and travelled if engineering was needed at installation..

NEW MATHER METALS INC
MECHANICAL ENGINEER | October 2019-March 2020
- Creating new robotic routines and modified existing equipment to process prototype products, ensuring they met quality specifications, did not negatively affect New Mather from meeting its scheduled manufacturing goals, and were labeled and tracked for the customer.
- Created a new trial mode that combined safety logic and disabled tracking logic of production parts. Allowed engineering to find the proper production parameters for new products. Program would default to production mode to safeguard productions products from running outside of part-specific parameters.
- Designed gauges for new products to 100% quality check the finished product before packing.

DAICEL SAFETY SYSTEMS AMERICA
PROCESS ENGINEER | June 2017-October 2019
- Joined a team project to replace three operators running three machines with a single operator and several pieces of automated equipment. The entire project had a cost of $600k with a two year payback period.
- Learned PacScript to write programs for robotic arms. Installed chutes and automated the disposal of bad products. Eliminated the need for operators to go Inside the robot cell and manually open grippers which saved hours of downtime over a week.
- Travelled to the Daicel Global Kaizen Competition in Japan to present automation projects to manufacturing sites across the globe.

MUHLENBERG COUNTY BOARD OF EDUCATION
Substitute Teacher | Winter 2015 - Spring 2016
- Taught multiple subjects to students from 1st grade to 12th grade

CORVETTE ASSEMBLY
Tour Guide | Summer 2015
- Conducted semi-technical plant tours for the general public from across the globe.
- Ensured that paperwork on the plant floor was up to date, safety issues were addressed in a timely manner, and kept/ordered office supply inventory.

Additional Experience

LOCAL CHURCHES
Fill-In Preacher - Bible Class Teacher - Song Leader - Devotional Leader | When there Is a need