DANIEL FUQUA | Software Engineer

Telephone: (713)562-5966
Email: fuquardwork@gmail.com
Location: Nashville, TN
Github: https://github.com/DanielFuqua
Portfolio: https://danielfuqua.com

Summary

Full-stack Software Engineer with 1+ year experience in the design, installation, and maintenance of software systems. Equipped with a diverse and promising skill-set. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team. I am a fast learner, enthusiastic, organized, and communicate well. Able to join teams and start delivering quickly.

Personal Projects

FEBRUARY 2021
ProShop

https://proshopapp1234.herokuapp.com/

Proshop is an e-commerce platform built and ready for real world use. As an admin you have access to inventory and order records which you can manage, and as a shopper you can place orders and execute transactions via PayPal.

- Tools and Tech used:
    - Frontend: React w/ Hooks, Redux, Thunk Middleware, React Bootstrap,
    - Backend: NodeJS, Express, Mongoose
    - Data: MongoDB

MAY 2020
Macro Manage

https://github.com/DanielFuqua/Capstone

Macro-Manage is designed to help users catalog their favorite meals and control macro-nutrient intake. Macro Manage displays a list of foods stored by users with nutrient contents, and allows users to compile their favorite foods into meals that meet the user's desired macro intake.

- Tools and Tech used: React, React Hooks, Reactstrap, Context API, JSON mock server

AUGUST 2020

Asana 26

https://github.com/DanielFuqua/Capstone-Full-Stack

A social app geared to help new yogis learn the 26 postures of Bikram (hot) yoga. Users can browse the different postures and get some instruction before ever walking into their first class, as well as connect with other yogis to ask questions and share their knowledge.

- Tools and Tech used: React, React Hooks, Reactstrap, React Router, Context API, C# / .NET Core, ASP.NET Core, SQL Server and Entity Framework

---

Experience

DECEMBER 2020 - FEBRUARY 2021

Labor Driven – *Software Developer (Remote)*

- Collaborating with the founding team, dev team and design team to build the Labor Driven web application from the ground up
- Working with the engineering team to enhance performance and build new features for Labor driven web application
- Participating in weekly SCRUM meetings over Zoom to report progress on work that I am self-managing for the most part
- Tools & Technologies: React, Redux, React Hooks, CSS, Figma, etc

JUNE 2019 - JANUARY 2020

Uhaul Moving and Storage – *Sales & Customer Services*

- Took inventory, stocked and maintained a quality, orderly and clean showroom
- Provided customers with quality assistance and information about products and procedures, with intention of selling them something they need
- Maintained an orderly schedule for trailer/truck/equipment rentals - departures and returns / times and locations - via phone and in person
- Maintained quality trailers, trucks and other rental equipment - kept clean and safe for use
- Coordinated congested parking lots with dozens of rental pick-ups and returns happening simultaneously and a store full of customers in need of assistance
- Secured safe trailers for customers picking up their equipment and unattached the returns quickly and safely
- Coordinated scheduling for trailer hitch installments between the customer and the in-store hitch expert

Skills

APRIL 2014 - PRESENT

Crypto Trader – *Independent*

The Bitcoin white paper is what initially peaked my interest in software. And soon after Bitcoin solved the problem of centralized money systems using the blockchain architecture, Ethereum came along and showed how the same concepts could be used to handle all sorts of contractual agreements through the invention of smart-contracts. The implication of these technologies continue to inspire me to explore my potential as a software engineer and overall problem solver and contributor.

Education

FEBRUARY 2020 - AUGUST 2020

Nashville Software School – *Full-Stack Software Development*

Intensive, hands-on 6 month full-stack software development program creating applications in team based environments and individually using modern technologies.

- Built single page applications with HTML5, CSS3, JavaScript, Bootstrap
- Learned functional React including hooks, styling with React Bootstrap
- Built databases use MySQL server
- Used C# / .NET to create backend APIs for full-stack application functionality
- Utilized Git and GitHub for version control and to facilitate collaboration when working remotely and on teams

JANUARY 2021- MARCH 2021

Nashville Software School – *Mastering SQL*

7 week course using PostgreSQL to build and maintain a database for Carnival Car Dealers. I got experience assisting the [fictional] company in its critical db operations maintaining records of their sales, vehicles, employees and dealerships. Techniques I used in my Carnival db operations include:

- Creating tables
- Altering existing tables
- Drop statements
- Views
- Triggers (Formatting data or ensuring new related records get created)
- Stored Procedures that group functionality
- Transactions
- Indexing
- Data migrations

- Normalizing the database further vs denormalizing

Tech Stack

Front-End: React w/ Hooks, Redux, Context, Saga, Thunk, JavaScript, HTML5, CSS3, Sass, Styled-Components

Back-End: C#.Net, ASP.Net, Entity Framework, NodeJS, Express

Databases: MySQL, PostgreSQL, MongoDB

Dabbled With: Gatsby, NextJS, Firebase, Stripe API, Paypal API, GraphQL, Sanity, TypeScript