DAVID MARSHALL

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EXPERIENCE

Associate Software Engineer - H&R Block   Kansas City, MO | June 2022 - Present
- Following team-established best coding practices, worked with other developers to refactor existing Angular code to prevent data leakage, security issues, and improve overall readability and optimization in preparation for 2022 tax season.
- Fixed connection and communication issues between my team's Azure DevOps pipelines and SonarQube reporting system.
- Regularly improving and establishing better documentation procedures for existing applications and future team members.
- Helped lead the implementation and standards for frontend unit testing and Git/branching policies.

Junior Software Developer - Carmigo   Tupelo, MS (Remote) | Jan. 2022 - June 2022
- Used Node.js and PostgreSQL to serve up dynamically-generated JavaScript scripts for dealerships to generate leads on their website without having to store a unique file in our server for each business.
- Created new Vue.js components, routes, controllers, and repositories to set up a more efficient login process for our sellers and buyers that can be easily implemented throughout our application.
- Continually utilize my extensive experience in the automotive industry to offer suggestions and advice to help with product improvement.

Sales / Inventory & Service Manager - Sports and Luxury Auto   Blue Springs, MO | Jul. 2020 - Jan. 2022
- Earned the dealership $300,000 in gross profit (Jan-Oct 2021), averaging $2800 per sale ($500 over the average in 2017).
- Oversaw inventory life cycle, including stocking, scheduling inspections to ensure compliance/readiness to meet demands, and ordering parts.
- Developed and implemented processes in Asana to reduce time between arrival, service, and sale, thereby minimizing time on the lot and maximizing dealership profit.
- Acted as the first point of contact with online clients, ensuring they received all of the requested and relevant information.
- Assisted clients with the purchasing process from beginning to end, including securing financing and selling warranties.

TECHNOLOGIES

Frontend: Angular, TypeScript, Vue.js, CSS, SCSS, JavaScript, Single Page Applications, AJAX, API integrations.
Backend: C#, Node.js, Express, RESTful APIs, PostgreSQL, Knex.
Site building platforms: Bubble.io, Webflow, Wordpress, Squarespace.
Other: Azure (DevOps, App Insights), Git, LaunchDarkly, SonarQube, Jasmine, Karma, CI/CD.

SOFTWARE PROJECTS

Kaiju Calculator | https://kaiju-calculator.vercel.app/
- **Technologies used:** HTML, CSS, Angular
- An application I built for my son, the Kaiju Calculator takes an input (measurement value) and determines how many of said input would fit within the length/height of a selected giant monster.

Homestar Ipsum Generator | https://homestar-ipsum.vercel.app/
- **Technologies used:** HTML, CSS, Angular
- The Homestar Ipsum Generator is an Angular application that takes text from various Homestar Runner webtoons and generates randomly constructed paragraphs. Also exists as an npm package.

EDUCATION

Software Engineering Certificate - Springboard   2021-2022

MA, Theology - Fuller Theological Seminary   Remote | May 2019

BS, Studies in Christian Ministries/English - Ottawa University   Ottawa KS/Remote | May 2015