

# DAVID MARSHALL

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## EXPERIENCE

### Associate Software Engineer - H&R Block

Kansas City, MO | June 2022 - Present

*Technologies:* Angular, TypeScript, C#, Jasmine, Karma, Azure, SQL

- Helped spearhead the implementation of standards for Angular unit testing and Git/branching policies for my team.
- Following team-established best coding practices, worked with other developers to refactor existing Angular code for two microapps in order to prevent data leakage, security issues, and improve overall readability and optimization in preparation for the 2022 tax season.
- Worked with the other teams to ensure both microapps were providing vital Adobe Analytics data both for marketing purposes and to improve the client experience for future tax seasons.
- Fixed connection and communication issues between my team's Azure DevOps pipelines and SonarQube's code quality reporting system.
- Continually improving and establishing better documentation procedures for existing applications and future team members.
- Delivered a workshop on LaunchDarkly and SonarQube implementation for the newest group of associate software engineers, in addition to repeatedly working alongside the ASE new hire program manager to help refine the onboarding process for future cohorts.
- Spending several hours per week mentoring and pair programming with the newest associate software engineer on the team, ensuring they are being trained in line with company expectations and standards.

### Junior Software Developer - Carmigo

Tupelo, MS (Remote) | Jan. 2022 - June 2022

*Technologies:* Vue, Node.js, PostgreSQL, Express

- 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 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 utilized 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, CSS, SCSS, JavaScript, Single Page Applications, AJAX, API integrations.

**Backend:** C#, Node.js, Express, RESTful APIs, PostgreSQL, Knex.

**Other:** Azure (DevOps, App Insights, Cosmos DB), Git, LaunchDarkly, SonarQube, Jasmine, Karma, CI/CD, Adobe Analytics.

## EDUCATION

Software Engineering Career Track - Springboard

2021-2022

MA, Theology - Fuller Theological Seminary

Remote | May 2019

BS, Studies in Christian Ministries/English - Ottawa University

Ottawa KS/Remote | May 2015