

DAVID MARSHALL: FULLSTACK SOFTWARE ENGINEER

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SUMMARY

- Experienced software engineer proficient in Angular, TypeScript, React, C#, and other modern frontend and backend technologies.
- Proven track record in leading and mentoring junior developers, enhancing application performance, working across teams, and maintaining code quality.
- Extensive experience in delivering projects in enterprise, startup and freelance contexts, as well as teaching and mentoring in a technical educational setting.

TECHNOLOGIES

Frontend: JavaScript, Angular, React, React Native, TypeScript, Vue, CSS, SCSS, Tailwind, Next.js.

Backend: .NET (C#), Node.js, Express, PostgreSQL, ApolloGraphQL, Sequelize, MongoDB, Flask, Python.

Other: Azure (DevOps, App Insights, Cosmos DB), Git, Postman, Jest, React/Angular Testing Library, Jasmine, Karma.

EXPERIENCE

Senior Software Engineer	Lean TECHniques (Des Moines, IA - Remote)	June 2025 - Present
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Technologies: Angular, TypeScript, C#

- Implemented frontend feature flag system utilizing Azure App Config for client's telematics web application, enabling faster and more frequent product releases.
- Within the first two months of working with the client, collaborated with product owners, stakeholders and engineers across different departments to gather requirements, develop user stories, and lead development of a global telematics feature that had been stalled out for over a year.

Software Engineer	Freelance (Self-employed)	April 2023 - Present
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Technologies: React, React Native, Next.js, FastAPI, Node.js, Firebase, MongoDB

- Delivered full-stack development and strategic technical guidance to drive client application from concept to beta deployment, including building a complete React Native mobile application and extending the existing FastAPI backend with critical features.
- Collaborated directly with stakeholders to translate business requirements into technical solutions, balancing feature development with long-term architectural considerations.
- Advised client on ethical AI implementation and responsible technology decisions, providing technical consultation that influenced key business and product strategy decisions.

Software Engineer II (Fullstack)	Breakthrough (Green Bay, WI - Remote)	December 2024 - June 2025
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Technologies: React, TypeScript, Node.js, ApolloGraphQL, PostgreSQL, Sequelize, Python

- Engineered a new reporting feature that helps client-facing staff to generate customizable data table visualizations for our customers, removing the need to manually create and format Excel spreadsheets containing thousands of rows of data.
- Currently working alongside other frontend developers to convert the React frontend to TypeScript, increasing TypeScript coverage by 59% (lines of code) and 26% (files) within a 4-month period.
- Led an initiative to enhance user story creation standards, which has helped reduce the number of defects created due to greater clarity in expectations for both engineers (development) and QA analysts (validation).

Software Engineer I (Fullstack)	H&R Block (Kansas City, MO)	June 2022 - December 2024
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Technologies: Angular, TypeScript, .NET (C#), Jasmine, Karma, Azure, SQL

- Collaborated with senior developers to refactor Angular code for two microapps by implementing proper utilization of services and typing, removing technical debt, and emphasizing clarity and conciseness with code and documentation.
- Temporarily joined another team to help refactor their API, ensuring compliance with enterprise guidelines, and contributed to writing user stories and features to plan future UI refactoring efforts.
- Led the adoption of standards for Angular unit testing within the team, helping bring test coverage across both applications to an average of 90% (~30,000 lines covered).
- Regularly engaged with product and design teams to provide feedback and frontend design and logic guidance during the planning of new client-facing features.
- Allocated weekly time to mentor and pair-program with associate software engineers, focusing on alignment with company standards and expectations, in addition to ensuring they felt properly supported and empowered.

Lead Instructor / Teaching Assistant / Curriculum Developer

Correlation One (Remote)

July 2023 - December 2024

Curriculum focus: HTML, CSS, JavaScript, React, Git, and essential UI/UX principles

- Provided personalized support to 20-25 fellows throughout each 4-month cohort, engaging in both one-on-one sessions and group settings.
- Consistently earned high praise and collected feedback from both fellows and program managers (survey average of 95%).
- Played a pivotal role in the enhancement of the course curriculum, including significant contributions to the restructuring of modules such as data structures and DOM manipulation.

Junior Developer (Fullstack)

Carmigo (Tupelo, MS - Remote)

January 2022 - May 2022

Technologies: Vue.js, TypeScript, Node.js, PostgreSQL

Sales & Inventory Manager

Sports & Luxury Auto (Blue Springs, MO)

July 2020 - January 2022

Technologies: Vue.js, TypeScript, Node.js, PostgreSQL