BRANDON BROWN

Software Engineer

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SUMMARY

Passionate about continuous growth in technology and leadership, I leverage strong relational skills alongside deep expertise in Angular and Node.js development. With experience in Agile web development, project management, and team leadership, I focus on fostering collaboration to build flexible, high-performing teams.

PRIMARY SKILLS

Angular, TypeScript, Architecture, RxJS, NgRx, GraphQL, HTML, CSS

REFERENCES

Chad Gill at CoreCivic
Application Development Director
chad.gill@corecivic.com

Camden Brown at Hexa
camdenebrown@gmail.com

WORK EXPERIENCE

2023 – Present — **Lead Frontend Developer**

Ultimate Knowledge Institute

- Lead a team to support multi-million dollar contracts by the Dept. of Defense Cyber Security using both microfrontends and microservices in Angular and Node.js
- Migrated dozens of microfrontends into a monorepo architecture using Nx to significantly increase development velocity along with updating Angular from 10 to 19
- Consistently ranked as the top contributor in the company for code contributions and quality, outperforming peers by a factor of 10 on average, as measured by tools like GitHub Insights, LinearB, and JIRA.

2022 – 2023 — **Lead / Architect Frontend Developer**

CoreCivic - Nashville, TN - Remote

- Independently upgraded a large-scale, a multi-billion-dollar enterprise application from Angular 10 to Angular 16, resolving all security vulnerabilities, implementing module lazy loading to boost performance, and delivering numerous additional enhancements to maintain compliance with the highest security and regulatory standards

2020 – 2022 — **Senior Frontend Developer**

Amber Engine - Remote

Request a demo at www.amberengine.com

- Designed and developed an Angular 14+ application from the ground up to manage large inventory datasets, leveraging NgRx for state management and a Node.js microservice backend architecture deployed on AWS.
- Developed an extensive library of reusable, accessible, and responsive components using Storybook, enabling a team of 12 developers to efficiently build consistent and high-quality applications.

2020 – 2022 — **Team Lead / Senior Frontend Developer**

Otus - Chicago, IL - Remote

Request a demo at otus.com

- Developed a large application which supports +100,000 of educators and students in Angular 11+ with TypeScript supported by a Node.js backend with Nestjs using microservices with GraphQL
- Led the development of "Plans," one of the four core features of Otus, overseeing the creation of new microservices and frontend components to integrate into a legacy application.
- Created an extensive library of reusable, accessible, and responsive components for a large team of developers, utilizing Storybook as the primary API documentation and development tool.

2019 – 2020 — **Lead / Senior Frontend Developer**

Sympliact - Station, TX - Remote

View demo for Patient / Provider applications at www.sympliact.com

- Developed two HIPAA-compliant progressive web applications from scratch for a healthcare practice: a CRM for managing patients, scheduling, and more, along with a client-facing app for filling out forms, managing appointments, and receiving notifications.
- Created high fidelity mockups using Figma to help create a reusable component library between multiple applications

2019 – 2020 — **Lead/ Architect Frontend Developer**

Airvel / Aerospace Technology Ventures - Nashville, TN - Hybrid

- Developed multiple Angular 9+ applications with TypeScript, supported by a Node.js backend and hosted on Google Cloud Platform, leveraging microservices and advanced technologies such as GraphQL and Apollo.
- Built three feature-rich client applications from the ground up in under a year, successfully onboarding major clients such as Dumont Aviation, JetRight, and other prominent private jet companies.

2016 – 2019 — **Team Lead Developer**

Metova Inc / SiriusXM Radio - Franklin, TN - Remote

player.siriusxm.com

- Chosen as Lead Developer for the complete rewrite of a web application in Angular 4+, supporting multiple languages and handling over 100,000 concurrent listeners.
- Led a team of developers to enhance the accessibility features of a legacy web project by 91% and increase code coverage by 60%.
- Consistently maintain the highest velocity within the company measured by iteration story points.
- Met with product owner, UX/UI design team, and developers to create roadmaps, estimates, and groom new feature work each sprint to deliver and exceed business expectations.

EDUCATION

2006 – 2010 — **B. S. Electrical Engineering**

Tennessee Technological University

Power Systems and Transmission, Digital Systems, Physical Electronics, Signals, and Electromagnetic Fields