

# BRANDON BROWN

Software Engineer



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## SUMMARY

Passionate, self-taught software developer with an easy going personality. Continuously exploring and learning new technologies and leadership methods to increase my value to the team. Past co-workers have said I'm great to work with, and one of the fastest learners they've ever met.

## PRIMARY SKILLS

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

## REFERENCES

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

Camden Brown at Hexa  
camdenbrown@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 service 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 17
- 2022 - 2023

Lead / Architect Frontend Developer

CoreCivic - Nashville, TN - Remote

  - Support a massive multi-billion dollar company Angular applications, adding new features, and upgrading core dependencies to adhere to the highest security regulations.
  - Personally upgraded a massive monolithic application from Angular 10 to 16, reduced security vulnerabilities to 0, added module lazy loading for increased performance, along with many other improvements.
- 2020 - 2022

Senior Frontend Developer

Amber Engine - Remote

Request a demo at [www.amberengine.com](http://www.amberengine.com)

  - Developed from the ground up Angular application to manage large inventory datasets in Angular +14 with NGRX supported by a Node.js microservice backend architecture with AWS.
  - Created a large library of reusable, assessible, and responsive components for a team of a dozen developers
- 2020 - 2022

Team Lead / Senior Frontend Developer

Otus - Chicago, IL - Remote

Request a demo at [otus.com](http://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 a team project from the ground up called Plans, 1 of 4 pillar features of Otus. Project involved creating new microservices and frontends to support a new feature on top of a legacy application.
  - Created a large library of reusable, assessible, and responsive components for a large team of developers using Storybook as our API documentation.
- 2019 - 2020

Lead / Senior Frontend Developer

Sympliact - Station, TX - Remote

View demo for Patient / Provider applications at [www.sympliact.com](http://www.sympliact.com)

  - Developed for a healthcare practice 2 HIPAA compliant progressive web applications from scratch: CRM for managing patients, scheduling, much more, along with a client application to fill out applications, manage appointments, and receive 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 applications in Angular 9+ with TypeScript supported by a Node.js backend using Google Cloud Platform to host our microservices along with other advanced technologies such as GraphQL and Apollo.
  - Built 3 feature rich client applications from the ground up in less than a year, and onboarded customers such as: Dumont Aviation, JetRight, and other large private jet companies.
- 2016 - 2019

Team Lead Developer

Metova Inc / SiriusXM Radio - Franklin, TN - Remote

[player.siriusxm.com](http://player.siriusxm.com)

  - Selected as the Lead Developer for a re-write web application in Angular 4+ that supported multiple languages for over 100,000 concurrent listeners.
  - Led a group of developers improve their legacy web project's accessibility features by 91% and code coverage an additional 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