

Karl Brown

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Full Stack Web Application Developer with 4 1/2 years of experience
seeking position involving C# and/or Angular2-9 and/or AWS.

SKILLS

PROGRAMMING

Core Skillset:

HTML • Git • Angular 8 • TypeScript • JS
• CSS • Karma/Jasmine • RxJS •
Redux/NgRx • Angular Material • Flex
Layout

Proficient At:

C# • SQL Server • ASP.NET • Python •
Bootstrap • Linux • SSRS • Photoshop •
AWS • TFS

Familiar With:

Jenkins • Ajax • Java • JQuery

EXPERIENCE

EXOSTAR | FRONT END DEVELOPER

July 2019 - Present | Herndon, VA

- Developed features and flows, and fixed bugs in an Angular 8 Identity Access Management (IAM) Web Application
- Utilized Angular CLI build tools to identify a problematic NPM package which upon removal would shrink compressed build payload by 22%
- Insured IAM Web Applications compatibility with all major browsers (including IE 11) and Android/iOS
- Helped team increase Karma/Jasmine Unit Test coverage in IAM Web Application by 34%
- Performed migration in IAM Web Application from Angular 7 to Angular 8 alongside an RxJS and NgRx upgrade

LINKS

LinkedIn [linkedin.com/in/thekbrown](https://www.linkedin.com/in/thekbrown)
Github github.com/thekarlbrown

EDUCATION

CHRISTOPHER NEWPORT UNIVERSITY

BS IN COMPUTER SCIENCE

Minor in Philosophy/Religious Studies
August 2015 | Newport News, VA
GPA: 3.45

LANGLEY HIGH SCHOOL

AP COMPUTER SCIENCE/STATISTICS
May 2010 | McLean, VA

POST-GRAD

EDUCATION

UDEMY COURSES

Angular 7 Comprehensive
AWS CSA-A Certificate
RxJS 6 in practice
NgRx - The Complete Guide

GENERAL ASSEMBLY

Data Science

AWARDS

2015

1st - Undergrad Capstone Software Faire

EXPOVISION | WEB DEVELOPER

February 2018 – June 2019 | Falls Church, VA

- Architected features that utilized ASP.NET MVC 5 C# and Angular6 starting at UML diagrams and whiteboarding and finishing with writing and testing code going through the full Software Development Lifecycle, including a email control component and template service which featured SSRS
- Wrote numerous reusable Angular components such as file upload boxes and form wizards
- Wrote ASP.NET MVC 5 C# controller endpoints and wired them to Angular6 components and services
- Filled numerous roles including Architect, Developer, QA and PM while undergoing the Software Development Lifecycle
- Converted reservation PDFs into responsive CSS3 forms to enable mobile-friendly form submission
- Created SSRS Reports to help visualize various data in the business related to Convention Housing and Sales
- Helped perform a migration from Angular4 to Angular6

DDC PUBLIC AFFAIRS | SOFTWARE ENGINEER

August 2015 – February 2018 | Washington, DC

- Developed Angular2/4 Frontend for numerous Web Applications including a Leaflet-based Map Tool and wrote Angular2/4 services and components
- Developed C# API services and applications using .Net Framework, Entity Framework, Stored Procedures, ASP.NET Core, Nuget Package Manager and Jenkins
- Trained intern in Unit Testing C# API Services using XUnit and Moq
- Learned about Software Development lifecycle in the Agile methodology
- Created Salesforce Integration using Fuel SDK for Boeing and with coworkers implemented Load Balancing and Multithreading
- Hardened products based on security scans to protect against XSS, CSRF, and other vulnerabilities
- Expanded Wordpress PHP codebase including an implementation of SAML SSO utilizing C# API's