

Karl Brown

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Looking for a collaborative role dedicated to cutting edge Web Applications where I can grow developers, work with stakeholders, and positively influence the organization.

SKILLS

Core Skillset:

Leadership • AWS • Angular 2-16 • TypeScript • JS • CSS/SCSS/SASS • Karma/Jasmine • Cypress • RxJS • Redux/NgRx • JQuery • Figma • HTML • GraphQL

Proficient At:

C# • React • Python • Terraform • SQL Server • ASP.NET • Linux • Photoshop • Razor Pages • AngularJS • Ajax

Familiar With:

Jenkins • Java

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

EXPERIENCE

RESMED | SENIOR FRONT END DEVELOPER

April 2022 - Present | Remote

- Mastered myAir Web, an Angular 16 app with 400k monthly active users, co-authored a white paper on it, and maintained, developed, and deployed it.
- Ambassador for AI tools that increased developer productivity in my org through presentations, 1 on 1's, and an AI contest I organized
- Served as a mentor for numerous individuals
- Spearheaded the Patient Therapy Preparation Pilot, making architectural decisions regarding AWS, Terraform, and React implementation
- Selected for VentureThon, a 15 week Shark Tank-esque exercise where teams pitch new products to executive leadership (less than 1% of ResMed employees are selected for this program annually)
- Simultaneously worked across teams, contributing new ideas, committing code, writing documentation, and coaching multiple teams on how to resolve complex problems in Angular
- Singlehandedly built an Angular 15 internal A/B testing app from scratch
- Recruiter of new talent; referred two candidates who received offers

I360 | FRONT-END DEVELOPER

August 2021 - April 2022 | Arlington, VA

- Reverse-engineered a legacy Predictive Dialer then singlehandedly rewrote the entire Front End in Angular 11
- Worked seamlessly across 3 separate teams and provided feedback in Angular Code Reviews
- Coded in products written in Razor Pages, Angular, AngularJS, Vanilla JS, JQuery, Typescript and C#

EXOSTAR | FRONT END DEVELOPER

July 2019 - July 2021 | Herndon, VA

- Solved problems asynchronously using Angular, Typescript, Observables, RxJS, and NgRx (Redux)
- Utilized Angular CLI build tools to identify a problematic NPM package which upon removal would shrink compressed build payload by 22%
- Insured Angular Web Applications compatibility with all major browsers (including IE 11) and Android/iOS
- Increased Karma/Jasmine Unit Test coverage in IAM Web Application by 34%

EXPOVISION | WEB DEVELOPER

February 2018 - June 2019 | Falls Church, VA

- Wrote ASP.NET MVC 5 C# controller endpoints and wired them to Angular6 components and services
- Helped perform a migration from Angular4 to Angular6

DDC PUBLIC AFFAIRS | SOFTWARE ENGINEER

August 2015 - February 2018 | Washington, D.C.

- Developed Angular2/4 Frontend for numerous Web Applications.
- Developed C# API services and applications using .Net Framework, Entity Framework, Stored Procedures, ASP.NET Core, Nuget Package Manager
- Trained intern in Unit Testing C# API Services using XUnit and Moq
- Created Salesforce Integration using Fuel SDK for Boeing and implemented Load Balancing and Multithreading with coworkers