



## Skills

**Programming Languages:** JavaScript (ES5, ES6), TypeScript, C#, SQL, HTML5, CSS3

**Libraries & Frameworks:** Angular 2+, AngularJS, ASP.NET, Node.js, MySQL, Xamarin.Forms, MongoDB

**Tools & Platforms:** Webpack, Babel, Git, Team Foundation Server (TFS)

## Professional Experience

**Lead Software Engineer @ [Wordable](#)**, Remote

**June 2019 – Present**

Creating their cross-platform (iOS & Android) mobile application using **Xamarin.Forms and C#**.

The application connects via Bluetooth to an Arduino programmed wearable device to collect, store and visualize user data.

**Software Developer @ [AVEVA](#)**, Lake Forest, CA

**Jun 2018 – Nov 2019**

Designed, developed, and maintained the company's cross-browser, cross-platform, and cloud-based website. Integrated requirements from user feedback, planned user experience, collaborated with product team members, and made adjustments based on UI/UX design and new feature development.

- Minimized website downtime, troubleshoot issues, improved functionalities, implemented best practices.
- Used **Angular 8** to improve UX by providing users wider access to their process and performance data by creating a single-page application composed of 5 Angular components, each integrated with and consuming a different REST API; displayed as Excel Add-in.
- Built a user activity tracking website feature using **Angular 7**.
- Designed & built server side JSON validator webpage for website RESTful APIs using **Vanilla JS**.
- Managed, maintained, improved, and added to 200+ cross-browser automated tests using **C#** with **Selenium**

## Projects

**Fill My Plate Web Application** (<https://fillmyplate.netlify.app/>)

**Apr – May 2020**

JS/ES6 application consuming the [forkify API](#) using Axios to find and record a variety of cooking recipes.

**Money Monitor Web Application** (<https://monitormymoney.netlify.app/>)

**Mar – Apr 2020**

**Vanilla JS/ES6** application to keep track of users income and expenses.

**Employee Cost Benefits Calculator** (<https://benefitscostcalculator.netlify.app/>)

**Feb – Mar 2020**

Web application used to calculate and store the cost of employee benefits in a non-relational database.

Technologies used: **Angular 9**, **Express.js**, **Node.js**, **MongoDB**

**Remote Controlled Car via Bluetooth** ([https://youtu.be/shti6v\\_ppqM](https://youtu.be/shti6v_ppqM))

**Sept – Dec 2017**

- Remote controlled car connected via Bluetooth to an Android controller application using **Embedded C**.
- Hardware: ATMega1284 microchip, HC-05 Bluetooth module, 5V Stepper Motor, HC-SR04 Distance Sensor

## Education

**University of California, Riverside**

**2014-2018**

Bachelor of Science in Computer Engineering