

Yash Kelkar

✉ ykelk002@gmail.com
☎ (714) 261-5422

🌐 [linkedin.com/in/yash-kelkar](https://www.linkedin.com/in/yash-kelkar)
🐙 github.com/ykelkar

Skills

Programming Languages: JavaScript, TypeScript, C#, SQL, HTML5, CSS3

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

Tools & Platforms: 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 web functionalities, implemented best practices.
- Improved 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.
- Designed & built server side JSON validator webpage for website RESTful APIs.
- Managed, maintained, improved, and added to site's 200+ cross-browser automated tests using Selenium

Projects

Employee Cost Benefits Calculator

Mar – Apr 2020

MEAN stack web application used to calculate and store the cost of employee benefits.

Remote Controlled Car via Bluetooth (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

Multi-Player Hangman

Nov – Dec 2017

Python application using a client-server model consisting of a server and 3 client nodes.

Feature Selection Algorithm

Jan – Mar 2017

C++ program to find best feature of data set to classify object with forward selection or backward elimination.

Education

University of California, Riverside

2014-2018

Bachelor of Science in Computer Engineering