Yash Kelkar

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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, troubleshot 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)   **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