

Ken(Junkuan) Wang

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SKILLS SUMMARY

Application Development - Python, C#, React Native, C, Java, SQLite

Web Development - HTML/CSS, Node.js, Angular8, Angular JS, React

PROFESSIONAL EXPERIENCE

WooliesX - Associate Software Engineer (Contractor)

April 2019 - Present

- Worked in a modern engineering model with Guilds, Tribes and Squads following Agile methodologies
- Worked on an initiative that decommissioned a legacy rewards card platform and upgraded to a new microservice based platform in C#.
- Created a "link your rewards card" modal in AngularJS and Angular 8 which had 33 thousand clicks to link in the first week
- Implemented two factor authentication with 3 other developers in Angular 8. Also worked on a microservice for consuming JWTs and authentication with a cloud DB
- Added High priority queue for SMS and Email for 2FA one time pins into our service bus and azure cloud platform
- Updated robots.txt and injected meta and link tags into the homepage for SEO optimization
- Worked on session security and a notification microservice to send an alert email for a new device logs in
- Currently wfh working on updating the woolworths basic box page to meet business and UX requirements
- Mentored two newer associate developers teaching them our framework, environment and best practices

ThoughtWorks LevelUP Program - Developer

September 2018 - December 2018

- Worked in an Agile team to develop an app prototype for a smartwatch.
- Implemented new features on the prototype such as routing and the google maps feature.
- Learned TDD,continuous integration and pair programming and used Node.js, Jest, HTML & CSS

EDUCATION

University of New South Wales - Bachelor of Software Engineering Jan 2016 - Nov 2020

Thesis topic - Evaluation of Google Fit and Apple Health Kit for research applications

- Currently creating a react native NPM package that reads and writes to Apple HealthKit and GoogleFit

COMPETITIONS & PRIZES

- New Futures Hackathon for Disaster Resilience (May 2019) - **2nd place**
- Accenture Blockchain Hackathon (April 2019) - **2nd place**
- NASA Space Apps Hackathon (Oct 2018) - **2nd place**
- Facebook Hackathon(May 2018) - Participation
- Macquarie Bank Second Year Software Engineering prize

PERSONAL PROJECTS

- Transport App: Android app that calls the NSW Transport API to display when the next buses arrive for personalized locations. Saves me time from using Tripview Lite which takes about 10 button clicks compared to 2. Used: Android Studio with Java
- Created a static HTML personal website (early 2019) which has been decommissioned and in the progress of creating a responsive version 2 my personal website utilizing flexbox.
 - Link to V1: ken7y.github.io/decommissioned_index.html