

# KEREN CHANDRAN

FRONT END DEVELOPER | SYSTEMS DESIGN ENGINEER

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## EDUCATION

University of Waterloo  
Systems Design Engineering  
2013 - 2018 (expected)

## SKILLS

### Front End

React, Angular, Redux, Redux Saga, Redux Thunk, Nuclear, Bootstrap, jQuery, Javascript (ES6), HTML, CSS, Websockets

### Back End

C#, Node, MySQL, PostgreSQL

### Developer Tools

Webpack, Gulp, Jest, Karma, Mocha, Chai, Enzyme, Git

### Concepts

Database Systems, Data Structures and Algorithms, Flux, MVC, Operating Systems, Software Design and Architecture

## INTERESTS

Gaming, Photography, Ping Pong

## EXPERIENCE

### ecobee | Front End Developer

May 2017 - Aug 2017

- More details coming soon!

### Riviera Partners | Full Stack Engineer

Aug 2016 - Dec 2016

- Designed and implemented a responsive web interface to inform candidates of their job search progress and trending skills in the market
- Designed and developed a responsive web interface for Messaging and Notifications on recruiter, client and candidate platforms

### Innovasium Digital | Web Application Developer

Jan 2016 - Apr 2016

- Designed and prototyped a customizable dashboard using React, Redux and Ruby on Rails
- Improved existing technological stack to use both Redux architecture and Ruby on Rails

### SMART Technologies | Software Developer

May 2015 - Aug 2015

- Assisted Lesson Activity Builder Collaboration (LAB-C) team with development of Shout-it-out Activity
- Demonstrated strong leadership skills by delegating an intern team to develop and ensured teammates were able to complete tasks and effectively meet deadlines

## PROJECTS

### React Toolbox | React Toolbox

*Open source React component library adhering to Google's Material Design*

- Fixed bugs and enhanced components, such as adding required and hint attributes to input field
- Updated documentation and verified property types for all components

### WaterBud | WaterBud

*Faucet sensors aimed to reduce water waste by monitoring consumption patterns*

- Designed and implemented a web interface to display water usage with graphs and relative measurements and waste water reduction tips, to help households understand their consumption patterns

### Intellisoft Development Inc. | Project Management Tool

- Developed a project management tool to track new and existing projects that helped client prioritize projects and increase overall efficiency of workflow

### George Brown College | Equipment Lifetime Tracker

- Improved an equipment management system to generate financial reports based on expected equipment lifespan and estimated replacement cost, allowing executives to make more informed decisions on A/V equipment