

# Ramanpreet Nara

3B Software Engineering

Phone: 1-647-609-4290

Email: [rsnara@uwaterloo.ca](mailto:rsnara@uwaterloo.ca)

GitHub: [rsnara](#)

## Languages

JavaScript  
HTML  
Clojure  
Java  
C/C++  
CSS  
Assembly  
BASH  
PHP

## Libraries

React, Ramda, Immutable, Chai,  
Basscss

## Frameworks

Node.js, Redux, Express, Koa,  
Angular, Ember, Sails, Scrum,  
Mocha

## Tools

Unix CLI, Git, Webpack,  
MongoDB, Gulp, Broccoli, Redis,  
Puppet

## Education

University of Waterloo  
Sept. 13 - PRESENT

## WORK EXPERIENCE

### Rangle.io

Full Stack JavaScript Developer

#### Atlas

React Angular 1.4 Koa Redux Ramda Basscss

- Migrated an Angular + TypeScript application into a React + Redux codebase
- Built the TimeOff tool to show managers employee vacation metrics
- Implemented a skills survey form to help managers make informed staffing decisions

#### Mercatus

Angular 1.5 Jasmine LESS

- Worked in a team of 6 client developers over two months on a white-label product
- Helped migrate the Angular 1.5 app from an MVC to a component oriented architecture
- Refactored, and thoroughly tested the faceted search (front-end) implementation

### Rangle.io

Full Stack JavaScript Developer

#### Sideboard

React Ramda Immutable Keen.io

- Built a Koa.js back-end to aggregate metrics from PivotalTracker APIs
- Coauthored a React + Redux front-end to display metrics, and styled it with Sass

#### Atlas Old

Angular 1.4 TypeScript Express Mocha Chai

- Used ResourceGuru APIs to implement Rangle.io's vacation request form
- Decoupled, tested, and modularized spaghetti server code

#### Livefyre HTML Embed

JavaScript Sass DOM API SVG Webpack

- Implemented dependency-free cross-browser compatible SVG animations
- Unit tested code with Mocha + Chai, ensuring ~90% branch coverage

### Ntree

Angular JS Developer

#### SalesTree

JavaScript Angular Broccoli Gulp

- Created services to monitor user activities and log client-side errors server-side
- Refactored client-side build infrastructure to reduce rebuild times by over 75%

### Ontario Ministry of Govt. Services

Interactive Developer

#### Projects:

PHP MySQL Puppet Symfony 2

- Improved caching, reducing page load times on the Premier's website's by over 50%
- Refactored authentication in a legacy PHP app to remove security vulnerabilities
- Authored Packer and Puppet scripts to automatically build VM images for 4 projects

## PROJECTS

#### GLISP - The G LISP interpreter

JavaScript Immutable AVA Ramda Rollup

- A feature-rich, and isomorphic LISP implementation built with JavaScript
- Supports immutable data structures, JS interop, destructuring, and macros

#### Reddit Client

Reddit API React Redux redux-saga reselect

- A Reddit clone built to experiment with the redux architecture
- Created a reddit-style comment tree, image previews, subreddits, and more
- Links: <https://rc-rsnara.herokuapp.com/r/pics/hot>