

Ramanpreet Nara

3B Software Engineering

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Languages

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

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 75%+

Ontario Ministry of Govt. Services

Interactive Developer

Projects:

PHP MySQL Puppet Symfony 2

- Setup exhaustive caching on the Premier's website to halve page load times
- Removed security holes in the shoddy auth. implementation of a legacy PHP app
- 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 shameless 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>