

Ramanpreet Nara

3B Software Engineering

Contacts

Phone: 1-647-609-4290

Email: rsnara@uwaterloo.ca

GitHub: github.com/rsnara

Languages

JavaScript

HTML/CSS

Clojure

Java

C/C++

Assembly

PHP

BASH

SQL

Libraries

React, Ramda, Immutable, Chai,
Basscss, Lodash

Frameworks

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

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 | Spring 2016

Atlas

React Angular 1.4 Koa Redux Ramda Basscss

- Merged a TypeScript Angular MVC application into a React + Redux codebase
- Crafted efficient methods to crunch 3000+ ResourceGuru bookings into vacation metrics
- Developed REST APIs and a front-end to enable CRUD operations on developer skills

Mercatus

Angular 1.5 Jasmine LESS

- Reinforced a team of 6 client devs (for 2 months) building a white-label e-commerce app
- Helped migrate an MVC Angular web application to a component-oriented architecture
- Refactored and tested the faceted search web front-end, ensuring 100% branch coverage

Rangle.io

Full Stack JavaScript Developer | Fall 2015

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

AngularJS Developer | Winter 2015

SalesTree

JavaScript Angular Broccoli Gulp

- Setup facilities to monitor user activities and save client-side errors server-side
- Overhauled client-side build infrastructure to reduce rebuild times by over 75%

Ontario Ministry of Govt. Services

Interactive Developer | Spring 2014

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, macros, and exceptions

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, and multiple subreddits
- Demo: <https://rc-rsnara.herokuapp.com/r/pics/hot>