

Contact

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in [rsnara](#)

Languages


JavaScript 

ClojureScript 

Java 

Hack 

SQL 

Kotlin 

HTML 

CSS 

C++ 

Libraries

React, Ramda, Immutable, XHP,
Basscss, Lodash, Reagent

Frameworks

Re-frame, Node.js, Redux, Express,
Koa, AngularJS, Scrum, AVA, Spec

Tools

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

Education

Bachelor of Software Engineering
(B.SE.)

University of Waterloo

Sept. 13 - Apr. 18

Ramanpreet Nara

Meta Inc.

Front-end Engineer | July 2018, Present

React Native

Java Objective-C JavaScript Flipper

- Open-sourced jsi: React Native's c++ api for JavaScript VMs
- Productionized React Native's *new* NativeModule system
- Productionized React Native's *new* runtime (leading two others)
- Lead workstream to develop New Architecture backwards compatibility layers
- Supported New Architecture migration for 30+ internal VR panel apps

Facebook Inc.

Front-end Engineering Intern | Winter 2017, Fall 2017

React Native

Java Objective-C JavaScript Flipper

- Integrated React DevTools into Flipper (fburl.com/rdts)
- Integrated Relay Debugger into Flipper
- Made border rendering on Android W3C spec-compliant (fburl.com/barn)
- Introduced start*, end* direction-aware styles in React Native (fburl.com/dsrn)
- Replaced the iOS backend of <WebView/> component with WKWebView

Rangle.io

Full Stack JavaScript Developer | Fall 2015, Spring 2016

Atlas

React Angular 1.4 Koa.js Redux Ramda Basscss

- Worked on Atlas: an in-house app was used by management to staff projects
- Merged Atlas into another in-house app that tracked Scrum-related metrics for teams

Mercatus

Angular 1.5 Jasmine LESS

- On-site Angular consulting for a team of six client developers at Mercatus for ~2 months
- Rebuilt the faceted search front-end of their Angular 1.5 web e-commerce application

Ontario Ministry of Govt. Services

Interactive Developer | Spring 2014

Accomplishments:

PHP MySQL Vagrant Puppet Symfony 2

- Leveraged caching with Symfony2 to halve page load times on the Premier's website
- Refactored a legacy PHP app to remove security vulnerabilities with authentication
- Authored Packer and Puppet scripts to automatically build Vagrant VM images for four projects

PROJECTS

🔗 OJ - A Java Compiler

Kotlin Spec

- Coauthored a compiler for JOOS 1W, a large subset of Java 1.3
- Supports visibility, packages, type checking, strings, method overloading/overriding, [and more...](#)
- Most correct implementation of JOOS 1W in class of 2018

🔗 Reddit Client

Reddit API React Redux redux-saga reselect

- A Reddit clone built to experiment with Redux and Reselect
- Created a reddit-style comment tree, image previews, and multiple subreddits
- **Demo:** <https://rc-rsnara.herokuapp.com/r/pics/hot>