

Contact

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in rsnara

Languages

JavaScript JS

ClojureScript cljs

Java java

Hack hack

SQL sql

Kotlin kotlin

HTML html

CSS css

C++ cplusplus

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.S.E.)
University of Waterloo
Sept. 13 - Apr. 18

Ramanpreet Nara

Meta

Front-end Engineer | July 2018, Present

React Native

Java Objective-C JavaScript Flipper

- Open-sourced JSI: the C++ interface React Native uses for JavaScript VMs
- Re-implemented and productionized React Native's *new* NativeModule code-gen
- Productionized and shipped React Native's *new* NativeModule system to the Facebook app
- Built processes to ship React Native's *new* NativeModule system to all Meta React Native apps
- Leading a team of two others, productionized and shipped React Native's *new* initialization layer (i.e: Bridgeless mode) to the Facebook app

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

Ntree

Angular JS Developer | Winter 2015

Team SalesTree

JavaScript Angular 1.2 Broccoli Gulp

- Setup infrastructure to track user interactions and log client-side errors server-side
- Re-implemented client-side build infrastructure to improve devx: reduce JavaScript building times

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>