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James Ward

Level 13 Software Engineer

EXPERIENCE POINTS

Co-Founder Common Room

January 2020 — August 2020

- Pre-Seed Technical Co-Founder - wrote the proof of concept and then lead development of the alpha product release.
- Create React Native & React Native Web frontend for the user and end-user portions of the flagship community product utilizing React Hooks and CSS-in-JS.
- Built NodeJS backend APIs and infrastructure to support rapid product feature iteration, rolling atomic deployments, as well as the ability to scale from 100 members to 100,000.

Senior Engineering Manager Venmo

October 2018 — December 2019

- Develop cross-functional initiatives to improve data flow between products to encourage a migration towards distributed architecture.
- Provide technical leadership to bring service reliability from 90% to 99.999% - from 73 hours to less than 30 seconds of downtime per month - improving the experience for over 40 million users.
- Coordinate multiple D&I recruiting initiatives to improve representation of traditionally underrepresented groups in hiring pipelines.

Co-Founder Forkbombus Labs

November 2015 — September 2018

- Built the Hivemind deception and threat intelligence platform using Node, Kafka, Tensorflow, Postgres, and Elasticsearch to support real-time personalization encouraging intruders.
- Designed the customer narratives, workflows, and user experience of the Hivemind platform using design partner feedback and user testing.
- Assisted both domestic and international law enforcement agencies on cybercrime cases, leading to the discontinuation of malicious activity against tens of thousands of victims.

Senior Engineering Manager Wayfair

February 2014 — February 2017

- Architect a cross-team platform that generates over 18% of company revenue by enabling open communication with millions of active customers.
- Utilized Kafka, Storm, and HBase to apply user defined rules to billions of events per day enabling marketing to build real-time engaging experiences for every Wayfair customer.

TOOLS I ENJOY

Java

Spring, Hibernate, Dropwizard,

Storm, Spark

PHP

Laravel, Symfony

SQL

MySQL, T-SQL, PostgreSQL,

CockroachDB

Cobol

COBOL-85

Pascal

Delphi

Python

Django, AsyncIO, Twisted,

Pandas, Flask, Keras, Tornado,

Celery, Heron

Infrastructure

Linux, Terraform, Pulumi,

Kubernetes, Docker, Helm,

Puppet, Chef, AWS,

Cloudformation

Javascript

Typescript, ES.Next, nodeJS,

Webpack, Koa, Express,

Tensorflow.js, React, Expo,

React Native

NoSQL

HBase, MongoDB, DynamoDB,

Redis, DynamoDB, Cassandra

CSS

CSS3, SASS, LESS

Perl

Mojolicious, CGI

C++

Boost

C

C11, C99, CMake

Experience points truncated for optimal viewing. Points prior to February 2014 available upon request.