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# James Ward

Level 13 Software Engineer

## SUMMARY

I am an Engineer through and through - I solve practical problems. I get things done, ship amazing software, and create a superb user experience. Unit tests, end to end testing, and test driven development are my go-to tools for crafting solid products. This isn't just a day job to me, it's a passion.

## EXPERIENCE POINTS

### Co-Founder  Common Room

2020 — Current

Brought together an engineering team to build an alpha product, setting the cultural and technical vision for the company.

- Create React Native & React Native Web frontend for the alpha product.
- Build NodeJS backend APIs and infrastructure to support rapid product iteration.

### Senior Engineering Manager  Venmo

2018 — 2019

Organized the Platform as a Service team - developing the mission, vision, capabilities, and roadmap to encourage a high performing team with a strong sense of ownership.

- Provide technical leadership to bring reliability from 90% to 99.999%, improving the experience for over 40 million users.
- Develop cross-functional initiatives to improve data flow between products to encourage a migration towards distributed architecture.

### Co-Founder  Forkbombus Labs

2015 — 2018

Understanding the human element behind threats to manage the risks they pose.

- Built product platform using Node, Kafka, Tensorflow, Postgres, and ElasticSearch.
- Design and implement user experience and workflows of the flagship product.

### Senior Engineering Manager  Wayfair

2014 — 2017

Lead a diverse team of engineers to develop services for scalable, customizable, and personalized interactions with customers.

- Architect a cross-team platform that generates over 18% of company revenue by enabling open communication with millions of active customers.
- Use Kafka, Storm, and HBase to apply user defined rules to billions of events per day.

Experience points truncated for optimal viewing. More available upon request.

## TOOLS I USE

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