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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 - all while hitting every specification and business requirement. Unit tests, end to end testing, and test driven development are my go-to tools for crafting solid code in a multitude of languages.

This isn't just a day job to me, it's a passion.

EXPERIENCE POINTS

Senior Engineering Manager Venmo

2018 — Current

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 of team systems from 90% reliability to 99.999%.
- 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 scalable platform with Node.js, Kafka, Tensorflow, PostgreSQL, and Elasticsearch.
- Design and implement user experience and workflows of the flagship product.
- Produce a full marketing website - from creating wireframes, to generating copy text, to writing the Javascript and HTML.

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 ingest and act upon a large throughput of data through user definable rule sets.
- Extensively utilize multiple frontend frameworks to create highly interactive user experiences.

Software Engineer Limestone Networks

2012 — 2014

Refactored large portions of legacy codebases to implement new features.

- Create tooling for NOC automation and Denial of Service mitigation.
- Write end-to-end and unit tests to reduce breakage during refactor.

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

TOOLS I USE

Java
Spring, Hibernate, Dropwizard,
Storm, Spark
PHP
Laravel, Symfony, Extension
Development
SQL
MySQL, T-SQL, PostgreSQL
Cobol
COBOL-85
Pascal
Delphi
Python
Django, Twisted, Pandas, Keras,
Tornado, Celery, Heron
Infrastructure
Linux, Windows, Chef,
Kubernetes, Docker, Helm
Javascript
ES.Next, nodeJS, Express,
Tensorflow.js, React, Redux
NoSQL
HBase, MongoDB, DynamoDB,
Redis, DynamoDB, Cassandra
HTML
HTML5, XHTML, mustache
CSS
CSS3, SASS, LESS, Responsive
Design
Perl
Mojolicious, CGI
C++
Boost
C
C11, C99, CMake
R