Email: james@notjam.es
Github: imnotjames

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 and general test driven development are some of my go-to tools for crafting code in a multitude of languages, and I've also dabbled in some end-to-end testing frameworks.
This isn't just a day job to me, it's a passion.

EXPERIENCE POINTS

Senior Software Engineer   Wayfair

2014 — Current

Became a leader in the Wayfair Engineering Community, and grew to manage a diverse team of engineers to develop services for scalable, customizable, and personalized interactions with customers.

- Managed engineering teams that enabled open communication with tens of millions of customers daily, connecting other teams to generate over 15% of company revenue.
- Used Storm and Dropwizard to ingest and act upon a large throughput of data, based upon user definable rule sets.
- Extensively utilized multiple frontend frameworks to create a highly interactive user experience.

Software Engineer   Limestone Networks

2012 — 2014

Refactored of large portions of legacy PHP codebases to implement new features, working with several hundred thousands of lines of code managed on GitHub.

- Implemented encryption and password hashing systems to meet industry standards and ensure PCI-DSS compliance.
- Wrote unit and integration tests to verify changes would not break existing legacy code.
- Created tooling and workflows for NOC automation.
- Performed database administration, systems administration, upkeep of internal perl tools, and optimized the web stack to scale as the company did.
- Maintained basic mitigation of denial of service attacks on services through caching, network optimization and reverse proxies.

Software Architect   Accrisoft

2011 — 2012

Designed and implemented new features, bug fixes, and reduced the memory footprint for Accrisoft's proprietary CMS.

- Optimized the standard web stack and configuration installed on application nodes, drastically reducing server costs.
- Worked alongside a team of talented programmers, using subversion and an in-house ticketing system.
- Integrated the CMS with several third-party SOAP and REST APIs.

TOOLS I USE

Java
PHP
SQL
Cobol
Pascal
Python
Javascript
NoSQL
HTML
CSS
Perl
C++
C