

**JEFFREY D. SQUIRES**  
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## SUMMARY

Creative and passionate Senior Software Engineer / Open Source Contributor with a rich, diverse background (21 years), currently specializing in the engineering of high-volume, feature-rich web solutions in the ecommerce realm. Proven track record of simplifying complexity and delivering solutions ahead of schedule. Experienced in managing technical and non-technical teams.

## CURRENT SKILLS

Ruby on Rails, React, JavaScript, Postgres/MySQL, REST, Fastly/Varnish, Elasticsearch, Heroku, git, debugging, performance.

## HISTORICAL SKILLS

Deep Java experience (12 years), Go (1 year), C/C++ (5 years), SOA / Web Services / SOAP (7 years), 20+ years of related technologies (XML, SQL, JavaScript, etc.).

## OPEN SOURCE

Former frequent contributor to the leading Ruby on Rails e-commerce project: <https://github.com/spree/spree>. Author of popular spree extension [https://github.com/jsqu99/spree\\_flexi\\_variants](https://github.com/jsqu99/spree_flexi_variants). Speaker at SpreeConf 2012: <https://speakerdeck.com/jsqu99/spreeconf-2012-introducing-spree-10>.

## EMPLOYMENT (2007-2017)

Mar 2017    Borrowed & Blue, Wedding Planning, Boulder, CO (Remote)  
to

Oct 2017    **Senior Software Engineer**, Took the lead on all things related to performance - Reverse Proxies, HTTP Caching, Fragment Caching, etc. Designed and developed new features for <https://www.borrowedandblue.com>.

*Technologies:* Ruby on Rails, RabbitMQ, Fastly/Varnish, React, Redux

Mar 2016    Phishlabs, Anti-Phishing/Security, Charleston, SC  
to

Mar 2017    **Senior Software Engineer**, Wrote code to assist internal users in the fight against phishing.

*Technologies:* Go, React, Redux, WebSockets, mysql

Aug 2014    Loot Crate, Geek/Gamer Mystery Box, Los Angeles, CA (Remote)  
to

Mar 2016    **Senior Software Engineer / VP of Engineering**

Successfully built a team from 1 developer to 20+ over the course of a year, managing all aspects of software development

Utilized reverse proxies, caching, and intelligent usage of HTTP headers to get

maximum performance out of a high-traffic Ruby on Rails application

Integrated with multiple payment/subscription gateways (Chargify, Zuora, Recurly, Braintree, Paypal, Authorize.net)  
Worked closely with fulfillment staff to automate the generation of shipping labels using the ShipStation API

*Technologies:* Ruby on Rails, Fastly

Aug 2011  
to  
Aug 2014     Rails Dog, LLC, Ruby on Rails / E-Commerce Consulting, Bethesda, MD (Remote)  
**Senior Software Engineer**, Took several e-commerce web sites from idea to reality.

Developed or contributed to the following sites: stickermule.com, store.chipotle.com, littlebits.cc, mcsweeneys.net, chloeandisabel.com, ewg.org, cmykproof.com and many others.

*Technologies:* Ruby on Rails, spree, jQuery, JavaScript, CoffeeScript, Backbone.js, HTML5, CSS, nginx, unicorn, varnish, memcached, redis, postgres, mysql

Jun 2007  
to  
Jul 2011     Life Cycle Engineering, Defense Contracting / Reliability Engineering, Charleston, SC  
**Technical Project Lead**

In support of SPAWAR Atlantic, led a team of 5 developers in the design and development of a mission-critical J2EE application for the Vice Chairman of the Joint Chiefs. Worked with multiple data providers to facilitate interoperability. Collaborated with subject matter experts in the gathering of requirements. Made use of industry-standard best-practices to rapidly deliver results in short thirty-day iterations.

\* To allow the most-senior members of the United States Department of Defense to rapidly and accurately respond to global security situations, managed an internal team of technical professionals in the design and development of a J2EE-based application that consumed events from multiple web services and coherently aggregated them for review by senior decision makers.

Result: Multiple successful demonstrations were made to the Vice Chairman, resulting in subsequent prototypes and ongoing contracts for SPAWAR Atlantic.

\* To allow post-deployment error detection and recovery of enterprise web services, designed and implemented a Java byte-code manipulation system using ASM (<http://asm.ow2.org/>) to aggregate and report errors in real-time to a JavaScript-heavy web front end.

Result: The project received funding for subsequent iterations after successfully demonstrating initial results to the stakeholders.

*Technologies:* Java/J2EE, JAX-WS, JBoss, WebLogic, Service-Oriented Architecture (SOA), Web Services, SOAP, EJB, Servlets, JSP, JavaScript, Ruby on Rails, Oracle, mysql, XML, XSLT, Big-IP F5, IBM DataPower XS400, AmberPoint, various Messaging technologies

## **EMPLOYMENT (1996-2007)**

Worked as a both a consultant and FTE for multiple companies (mostly startups) in many industries including banking (Wachovia, TIAA-CREF), networking (AOL, Reliacast, Hughes Network Systems), and defense.

## **EDUCATION**

B.S., Computer Science, UNIVERSITY OF MARYLAND, 1996  
3.4/3.8 GPA, Departmental Honors, Golden Key National Honor Society