

JEREMY D. KAHNE

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EVERYTHING BUT THE HOUSE: 2015-Present

Senior Software Developer

- Successfully overhauled categorization system on ebth.com to enable multi-leveled nested hierarchies and many-to-many relationships with items.
- Imported 450,000 nodes of data for category, attribute, and values for quick item tagging. Data points were used for automating item description generation based on preexisting templates via integration with a third party data provider API (Wordsmith).
- Created a new role based workflow (called PIC3) to drastically increase items processed per hour. PIC3 is a system to create and manage sales and items, upload images, edit and review descriptions, and prepare the sale before going live.
- Co-created a streamlined packaging and shipping option to remove a third party dependency to save cost for both EBTH and the customer.
- Participated in code reviews, fixing bugs, UI and UX discussion and implementation, met with stakeholders as necessary to discuss new features and visions.
- Mentored junior developers and delegate tasks as appropriate to grow their abilities.
- Technologies used: Ruby on Rails, Sidekiq, JQuery, Bootstrap, SASS, MariaDB, Minitest

SQRL: 2014 - 2015

Senior Software Developer

- Took responsibility of creating and maintaining RESTful JSON APIs using Ruby on Rails, which were consumed by a front end javascript applications.
- Tasked with making the product more stable. Added a Minitest test suite, removed many N+1 queries, fixed many bugs and inconsistencies, and added Postgres indices.
- Integrated with the DocuSign API to enable e-signatures for 8879 tax forms for customers.
- Worked closely with customer support to resolve any issues that customers experienced.
- Technologies used: Ruby on Rails, React, Heroku, Postgres, Minitest
- SQRL was an early stage startup with a great product, but had to close the doors in 2015.

SCRIP-SAFE: 2011 - 2014

Senior Software Developer, CTO

- Re-baselined goals, strengthened team morale, developed consensus across teams and management, and successfully lead a great development team in rescuing 3 service offerings from multiple daily outages.
- Replaced ceremonial project management techniques with light-weight processes and tools that were less intrusive and more productive for the team, and better communicated the state of work to the rest of the business.
- Standardized toolsets across multiple applications, including: queuing mechanism from homegrown to Sidekiq, centralized reporting service, upgrade all applications to supported versions of Ruby/Rails.
- Organized the migration of 12 servers and 3 applications to a new datacenter resulting in vastly improved performance and uptime metrics.
- Met with business stakeholders and end users weekly for feedback, new feature discussions, and task prioritization.
- Lead developer for 3 service offerings for transcript ordering, transcript processing/delivery and diploma creation for over 2400 institutions.
- Oversaw the creation of a new queue-based PDF processor with an event driven, map-reduce architecture written in JRuby.
- Design and developed a hands-free automated solution by adding a versioned RESTful api for third party vendors to use to aid them for processing transcripts.
- Mentored junior developers and delegate tasks as appropriate to grow their abilities.
- Oversaw quality assurance testing, acceptance testing, and deployments of all systems.
- Assists in new customer installations, customizations, and troubleshooting.
- Technologies used: Ruby, Rails, PostgreSQL, JRuby, Git, Sidekiq, Redis, Capistrano, Mina, Minitest, iText

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Nimble River, LLC (2010 – present)

Owner/ Principal Consultant

Client: Miami University: Project Dragonfly: 2011

- Wrote an Adobe Flex 3 application for the Cincinnati Zoo's "Night Hunters Exhibit" as part of the NSF funded project 'Saving Species'.
- Users create a digital postcard by choosing an image of a big cat and predetermined phrases and share via email, Facebook or Twitter.

AdvantagelQ: 2010 - 2011

Software Engineer IV

- Automated online bill payments to various utility companies. Bill payments are estimated to save AdvantagelQ over \$10 million dollars/year.
- Performed various bug fixes for our Performance IQ web application, built using Java Servlets and JSPs.
- Participated in quality assurance testing.
- Maintained and supported the marketing Advantage IQ website according to the marketing departments specifications. Technologies used: Dot Net Nuke, .NET framework.

Balanced Insight: 2009 - 2010

Product Engineer

- Created an export option targeted for Oracle Business Intelligence Enterprise Edition (OBIEE) and Microsoft SQL Server Analysis Services (2005/2008). Exported repository supports dimensional hierarchies, attribute hierarchies, multiple measure groups per cube, outriggers, aliased tables in case of multiple dimensional roles, and all common use cases.
- Took ownership of builds and releases for QA and production to allow senior staff to focus on other tasks.

dbaDIRECT: 2004 - 2009

Lead Software Developer, Team Lead

- Led development and analysis on a multi-faceted web application consisting of a ticketing system, rules engine, contact management, knowledge-base, calendaring system, asset management system, real-time performance metric graphs, and automating repetitive tasks.
- Introduced the concept and developed software for applying Standard Operating Procedures to allow dbaDIRECT to efficiently manage how business is done for all customers in a systematic but highly customizable way.
- Designed and implemented reusable components for functionality in both Rails and Tapestry.
- Designed and applied user interface styling and layout for consistent look & feel and user experience across all internal and external applications.
- Collaborated with peers to replace a third party tool called BMC Patrol.
- Wrote advanced calendar algorithms and data structures to model a variety of recurring event types to give users fine grained control of specific occurrences. The calendaring subsystem is used for on-call schedules, maintenance windows and time based rules in the rules engine.
- Created REST web service API and wrote developer documentation with example invocation code in Ruby and Perl.
- Wrote an SWT application distributed to staff members that would show a popup notification window in the lower left corner of the screen when relevant trouble tickets were created. The popup acted as a mini dashboard with links to commonly accessed pages.
- Assisted in user acceptance testing and QA prior to releases.
- Technologies used: Ruby on Rails, REST API, Apache and Mongrel cluster, Java, Tapestry 3, Tomcat, MS SQL Server 2005/2008, MySQL, SWT, SVN, JUnit.

Battelle Memorial Institute: 2001 - 2004

Research Associate

- Served as principal database developer in development of GLP compliant database application that allows users to track, import, analyze, and report program data, documents, and communications for a multi-million dollar program.
- Business logic implemented via VBA, ADO, DOA, triggers, stored procedures, cursors and Microsoft SQL Server 2000.

EDUCATION

Muskingum College, New Concord, OH

Bachelor of Science in Computer Science and Mathematics, summa cum laude, with Art and Design minor.