

JARED HOYT

Staff Engineer

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Dedicated software developer with 15+ years experience and extensive knowledge in API design and integration, systems architecture, and design patterns. Proficient in an assortment of technologies, including Ruby, GraphQL, Elasticsearch, and AWS. Adept in handling complex domains with innovative problem-solving. Able to effectively self-manage during independent projects, as well as collaborate in a team setting.

EXPERIENCE

Stellar Tickets — *Staff Engineer*

2020 - PRESENT

Part of a small cross-functional team responsible for the startup of Stellar at Goldstar and eventual spin-off of Stellar from Goldstar. Senior most individual contributor of the back-end team working across Ruby on Rails, Python and cloud-native AWS solutions.

- Architected and implemented the core feature of the platform: conditional access at CDN edge for both live and on-demand video in serverless Python which scaled beyond 37,000 concurrent live viewers
- Led the introduction of Elixir at Stellar and implemented a socket-based messaging protocol used to re-write “twitch” style chat (replaced a \$1500/mo manually-scaled IRC-based system with a dynamically scaling solution that decreased costs 10x)
- Architected and collaborated on implementation of real-time time-series analytics using Elasticsearch, Kinesis, Lambda, and GraphQL
- Developed a global video ingest networking solution in AWS, going from concept to production in less than 10 business days, using Cloudfront reverse proxies
- Collaborated with design and front-end engineers to implement multi-tenant faceted search across multiple data structures with Elasticsearch including real-time reindexing
- Designed and implemented an elegant solution to GDPR and CCPA-compliant PII data redactions (across databases, source events, structured data, integrations, and data backups) that prioritized transparent and easy to implement data governance

Ruby, Elixir, GraphQL, AWS, Docker, Elasticsearch, OpenTelemetry, Event Sourcing, CQRS, Lambda, Python

KPMG via Goldstar (COVID Pandemic) — *Consultant*

Worked on a consulting team while at Goldstar to re-architect a fintech platform for KPMG

- Designed and implemented a core interoperable framework for integrating multiple fintech APIs, including Plaid and Finicity

Ruby, Rails, CI/CD, Docker

Goldstar — *Senior Engineer*

2015 - 2021

Senior member of the back-end engineering team responsible for a diverse set of 3rd-party API and data integrations

- Architected the backend of a company-wide strategic initiative developed over a 12-month period to create a bi-directional seamless API integration with enterprise value worth \$1m+ annually

- Re-designed and implemented Elasticsearch-based faceted search back end used to power main user experience across Web, Mobile and API Partners, responsible for \$50m+ in gross revenue annually
- Won award for contributions (mainly math proofs) to AI Recommendation Engine (Ticketing Business Forum's INSIGHTS & ANALYTICS AWARD)
- Created open source project Keymaster which was used across 10 macro services to secure APIs with JWTs
- Authored multiple OSS libraries for managing tedious aspects of API integrations

Ruby, Rails, CI/CD, GraphQL, Elasticsearch, Docker, AWS

Acumen Brands — Senior Developer

2013 - 2015

- Developed and maintained a large monolithic Rails application that powered several large e-commerce brands, including Country Outfitter and Maple & West
- Migrated all front-end assets onto a new pipeline for dependency management and compilation
- Extensively utilized A/B testing to measure and improve engagement and conversion
- Engaged stakeholders to gather complex business needs and architect appropriate technical solutions
- Engineered a documentation engine to formalize and promote a company-wide styleguide

Ruby, Rails, CI/CD, Cucumber, HAML, SASS, JavaScript, jQuery, Backbone

YouEarnedIt — Senior Developer

2012 - 2013

Sole front-end developer on a small team that successfully created and spun out an internal employee engagement and recognition app into a profitable SaaS product

C#, PHP, HTML, CSS, JavaScript, jQuery

Rockfish Interactive — Technology Architect

2011 - 2013

Part of a small team of architects that provided technical direction during early stages of project planning, mentored junior developers, defined company-wide coding standards and best practices, and advanced new technologies such as git and ruby

- Sole front-end developer for the 2011 Walmart Shareholder's Meeting that served real-time, moderated social media feeds and live video to 12,000 concurrent users
- Co-developed the Teacher and Student Advancement Portal for the National Institute for Excellence in Teaching as the company's first ruby project

C#, PHP, Drupal, Joomla, Python, Ruby, JavaScript, jQuery, Git, Mercurial, SVN

Tekniq Data — Senior Developer

2008 - 2011

Designed and implemented applications across a wide range of business domains to improve efficiency and reduce client costs. Led adoption of new core technologies, including git, CakePHP, and jQuery.

PHP, CakePHP, HTML, CSS, JavaScript, jQuery, Postgres, Microsoft Dynamics

John LaTour, CPA — Developer

2003 - 2008

EDUCATION

University of Arkansas — Bachelor of Arts in Mathematics

2002 - 2006