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B.S. Computer Science, Western Governors University

Senior Backend Software Engineer - Welocalize April 2017 - present

Welocalize is an international localization and translation service provider for Fortune 500 companies. Translations projects, real-time integrations, workflow management and monitoring use Welocalize's cloud-based client services delivery platform, Pantheon. Pantheon manages the entire day-to-day business of all client and vendor services. Data points are collected throughout the translation life cycle from inception to close to allow for revenue and delivery optimization.

As an individual contributor at Welocalize, I was involved in many aspects to launch and improve the Pantheon platform: initial creation and transition from the legacy business process platform, new feature development, and scaling and performance improvements. My mandate was a holistic focus to create a reliable, efficient, and manageable distributed system.

- Collaborated with team to create Pantheon's initial API framework and standardized code layout that produced faster feature delivery and testability.
- Led initiatives to create coding standards and best practices that increased code velocity, streamlined the code review process, and avoided anti-pattern pitfalls.
- Created testing initiative for full unit test coverage, including functional tests for business-critical happy paths.
- Built Workday integration to manage project revenue, client purchase orders, and vendor resources.
- Deprecated legacy project management system and moved the existing workflow to Pantheon.
- Built hybrid microservice and monolith Node.js APIs to manage user, project, and vendor life cycles.
- Developed producer/consumer queue system using Node.js Bull for asynchronous processing.
- Created developer tooling to manage Elasticsearch vendor resource search, a vital Pantheon function that quickly finds qualified translation resources based on translation task requirements.
- Optimized SQL queries and refactored early versions of business algorithms to reduce API endpoint latencies by 60%.
- Mentored several junior engineers providing guidance that increased the contributor's productivity.

Node.js, Postgresql, Redis, Elasticsearch, MongoDB, AWS, Git

Senior Backend Software Engineer - Chirpify June 2012 - April 2017

Chirpify was a VC-funded social media startup that began as social media conversational commerce (Tweet-a-Beer) - followed by a pivot to enterprise social media tools for brand loyalty

and marketing. One of our largest enterprise customers, Marriott International, used Chirpify to reward customers with Marriot Reward points based on social media brand engagement.

- Started as an individual contributor and moved to a hybrid DevOps engineer role.
- Managed Twitter Firehose using AWS Kinesis and Ruby Sidekiq background queue for high throughput tweet processing.
- Integrated with Facebook and Instagram APIs to ingest transactional hashtags from users' comments.
- Created and managed AWS infrastructure that allowed development and staging environments for testing and managed all production deploys.
- Managed CircleCI for continuous integration and testing
- Developed PHP and Ruby REST APIs for managing financial transactions between social media buyers and sellers in the first Chirpy business model.
- Refactored backend to support pivot to new enterprise business line that tracked brand loyalty using social media customer engagement.

Ruby, PHP, MySQL, MongoDB, Postgresql, Redis, AWS, Git

Backend Software Engineer - BonJones 2011 - 2012

BonJones was hired by a non-profit to implement a SalesForce integration with a Drupal CRM to manage donor tracking. I created custom PHP Drupal modules to synchronize data between SalesForce and the CRM's MySQL database.

Backend Software Engineer - Cart Compass 2010 - 2011

Cart Compass was a crowd-sourced food cart locator covering the Portland, Oregon metro area. I created a PHP API backend with MySQL DB to support iOS and Android Cart Compass applications.

Prior work includes more financial technology, information technology, and music entertainment.