

Contact Info

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Languages & Frameworks

Ruby
Ruby on Rails
Hotwire(Turbo & Stimulus)
Javascript
React
Electron
jQuery
Rust
SQL
HTML5
ERB & HAML
CSS3
SCSS & SASS
Tailwind CSS
Bootstrap
Ansible

Programming Tools

Git
GitHub
MySQL
PostgreSQL
Redis
RediSearch
Sidekiq
Heroku
Capistrano
Elasticsearch
AWS

Education

California University of Pennsylvania

Bachelor of Science in Computer Science | Aug, 2011 – May, 2015

- 4.0 GPA with minors in Mathematics and Chemistry
- Arthur and Millicent Gabriel Merit Award Recipient (outstanding grades in major and high moral standards)
- As a capstone project, developed a website using Ruby on Rails, that assisted students in determining what classes they should sign up for based on their current major, transcript, and availability.

Work Experience

N2 Publishing

Senior Software Engineer | Sep, 2015 – Apr, 2019 – Dec, 2019 – Current

- Lead developer on a team that created a Rails application that tracks and progresses publications through the entire print process by utilizing digital press APIs until they are ultimately shipped to increase efficiency and gather insight. Worked with product managers to hone requirements, develop required tasks and sprints.
- A maintainer of a large, legacy, order entry and payment application that was built using Ruby on Rails in an Agile environment. Some of the larger features I have completed include refactoring how commissions are determined and displayed, scoping the application to handle different publication products with separate business rules and production schedules, refactoring the API for payment processing, analyzing and fixing performance issues, and upgrading the app to a more modern version of Ruby and Rails. Some of my other responsibilities included reviewing, merging, and deploying code changes, and investigating bug tickets.
- Developed and tested features for a new publication management system, that utilizes Ruby on Rails, which tracks publications' design status, aid communication between clients and ad designers, increase productivity, and decrease costs.
- Created and maintained a Rails engine for managing single sign-on and off for all of N2's distributed systems.
- In conjunction with our user experience designer, created and maintained a front-end style guide Ruby gem to document and centralize the design language throughout N2's apps (n2publishing.github.io/n2-styles).
- Lead developer for the creation of the new public-facing website(n2pub.com) using design mock-ups and Ruby on Rails that exceeded everyone's expectations including the CEO's.
- Migrated parts of the legacy custom infrastructure provisioning solution to Ansible.
- Completed a year-long in-house leadership training course.

Spoonflower

Senior Software Engineer | Apr, 2019 – Dec, 2019

GitHub

Contributed to multiple open source projects including Ruby on Rails, Xterm.js, Administrate, Draftsman

Redisearch Gem

Developed a Ruby gem to interact with Redis' Redisearch module that can also integrate with Ruby on Rails

Archipelago

Developed a desktop terminal emulator, using Electron, Javascript, React, and Xterm.js (archipelago.dev)

- Improved and resolved performance bottlenecks of a Rails API by using various techniques such as caching, removing n+1 queries, and refactorings which resulted in the average response time being reduced by an order of magnitude.
- Led a team that refactored cart processing and order architecture in a Rails API to accommodate the launch of new product categories in the marketplace.
- Consulted with project managers for feasibility to implement requested features to meet project deadlines.
- Reviewed, merged, tested, and deployed code changes for a Rails 6 API and a Rails 3 application.
- Investigated and resolved bug tickets from customers for a Rails 6 API and a Rails 3 application.
- Performed technical phone screenings for prospective candidates.

U.S. Department of Defense

Web Development Intern | May, 2013 – Aug, 2014

- Developed, tested, and briefed team members and the product owner on Ruby on Rails code for a Production Control System and a web application management system to monitor organization infrastructure.
- Using PHP in conjunction with a PostgreSQL database, created a web-based messaging display application to promote communications, leveraging televisions and monitors to generate, and display the content.