

Harrison “James” Hart IV

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SUMMARY OF QUALIFICATIONS

For the last five years I've been working on becoming a full-stack ruby engineer. I've deployed numerous different types of software to hardware on EC2 and Joyent's infrastructure using Chef. I've built numerous Ruby on Rails applications using test driven development techniques. Each of which I applied my decade long front-end skills in HTML/CSS/JavaScript.

TECHNOLOGY STACK

Ruby: Rails, Chef, Sidekiq, Sinatra, RSpec, Capistrano, Nokogiri

Operations: Bash, SmartOS, HAProxy, Nginx, Unicorn, OSX, Ubuntu, Chef, sprout-wrap, statsd, circonus

Datastores: PostgreSQL, Solr, Elasticsearch, Redis, MySQL

Front-End: Jasmine, Backbone, Underscore, jQuery, Enyo, Phonegap, Zurb Foundation, Bootstrap, CSS, HTML

Development: Git, RubyMine, Chrome Dev Tools, Pivotal Tracker, Travis CI, Jenkins

WORK EXPERIENCE

Wanelo, Inc.

Director of Engineering

Nov 2015-Current
San Francisco

After the CTO's exit, I stepped up from an individual contributor role and became the head of engineering. Personally managed the iOS and full-stack ruby on rails team, while still heading platform efforts and keeping wanelo.com at 99.9% uptime. Embarked and led our ongoing recruiting efforts for iOS, Ruby on Rails, and DevOps engineers.

Software Engineer

July 2013-Nov 2015

As an individual contributor, I led a team that developed Ruby on Rails applications and services and deployed with Chef. Significantly improved operations work by learning bash and using Chef on Joyent's infrastructure. Provisioned, maintained and optimized numerous types of software (elasticsearch, redis, haproxy, sinatra, rails). Wrote numerous chef cookbooks for our SmartOS and Ubuntu zones. Set up and maintained common developer workstations using sprout-wrap to increase developer productivity.

BHRSC.com

Volunteer

Aug 2013-Current

Designed, coded, and deployed website to help Basset Hounds in Southern California get rescued and adopted.

Lean Startup Productions (*many freelance projects*)

Aug 2013-Dec 2014

Freelance Software Engineer

Worked closely with clients to enhance the Lean Startup Conference's website for two years. Test drove new ruby software to schedule conference attendees appointments to mentors given a set of mentor's skills and a set of attendees preferred topics. Helped operate said software for two conferences (Lean Startup Conference 2014, QuickBooks Connect 2014). Built and maintained entrepreneurial editorial site called "The How."

Tara Mohr

Freelance Software Engineer

Oct 2013-May 2014

Built and maintained members' only wordpress website. Coordinated with third-party software developers to improve their wordpress plugin (WooCommerce).

RPX Corporation

Senior Software Engineer

Oct 2010-July 2013
San Francisco

Became the lead engineer on our client-facing ruby on rails application. Worked over at Pivotal Labs for six months working using RoR and learning agile methods and TDD. Lead the front-end development of a single-page backbone application. Built a gem to integrate multiple of our ruby applications onto the same database. Worked on several "hackathon" projects to help improve the workflow of other teams within the company. Built and maintained multiple ruby on rails applications and one Backbone.js application. Built an API to interface between postgres stored procedures and a rails application.

Golden Gate Ruby Conference

Volunteer Web Developer

May 2013-Sept 2013
San Francisco

GoGaRuCo is now in it's fifth year and I approached the co-host of the conference to help build the website. Taking photoshop mockups, I used the middleman gem to produce static HTML, CSS3 and JavaScript hosted on github pages. We're using Zurb Foundation and its css and javascript to build a responsive website across browsers and devices.

EggWich iPhone App

Creator and Developer

Jan 2013-Feb 2015
San Francisco

EggWich is an iPhone application with my personally written reviews and photos of egg sandwiches and breakfast burritos in San Francisco. The app was test-driven using Jasmine. I used the Enyo.js framework (previously Palm WebOS) to generate views and handle all user events. Runs on iOS using Phonegap. I used the rails asset pipeline for development as well as grunt.js for repetitive build tasks.

Webkey LLC

Web Design, Development Company – Web Developer

May 2008-Sept 2010

Seattle

The owner and I worked closely with one another to deliver our clients with web design and development. I developed secure and usable web forms with PHP and JavaScript. Experience with customer service by providing clients with help for their questions, and solutions to any errors they have found. I provided the owner with advice on how the product could be improved, and then developed it.

[INDENTED BELOW IS A LIST OF THE MOST RECENT CLIENTS]

Green Roads

Feb 2009-Sept 2010

Our largest client, we developed a system for managers of paving projects to qualify for green certification through a credit system. Funded by the University of Washington, this project underwent usability testing to ensure ease of use. I lead this process with HCI training from my informatics major. Also, my boss and I lead a tutorial to a classroom of University students on how to use our content management system.

Richard Conlin (Seattle City Council)

Apr 2009-Sept 2009

Implemented a donation system on website. Utilized an online payment API to create a usable and secure credit card terminal while coding to specifications of legal policies enforced for political candidates.

Washington Green Schools

Apr 2009-Nov 2009

K-12 students log in to this site and get points for completing tasks at their school through use of a web application. I developed a system to track progress based on a school's participation on tasks completed. Administrators can then review and reward schools with certifications inside of the web application.

Fremont Brewing Company

Oct 2009

A local family-owned brewery showcasing seasonal beers. I implemented a registration system to organize dozens of tours of the brewery.

Other Clients

Grey Lundberg, Columbia Kids, Rent A Villa France, See Turtles, Theatricks Children's Theatre, Confluence Engineering LLC, Asia 21 Young Leaders, CI Works, and Sustainable September.

hjhart.com

Aug 2006-Sept 2010

Freelance Web Design and Development

I've used numerous different methods of development: from using open-source content management systems, to developing everything from scratch. Designing was always done in-house using Photoshop. Development occurs on a PHP/MySQL platform, with the use of standards-compliant HTML and CSS with JavaScript. With these projects, building my skill set is very important as is communicating with the client exactly what they require. [INDENTED BELOW IS A LIST OF THE MOST RECENT CLIENTS]

Damon Barnett

Sept 2009-Sept 2010

I developed a complete content management system designed specifically for a professional triathlete. Using aforementioned technologies, I developed a backend allowing my client to add and update events, event results, blog entries, sponsors, images, and visitor comments.

eBay Analyst

Apr 2009-Sept 2010

An ongoing project that provides eBay users with the average price for consumer products. It collected data daily from eBay and processed it to determine what a good buying and selling price is for the user, as well as how prices have increased or decreased over time. It displays maximum, minimum, and average prices sold for products on eBay for the past month.

Night Owl Lounge

May 2009

Themed a wordpress installation to accommodate a blogging and event system for a locally owned Hookah bar. I worked with the client with an agile development methodology to deploy the website in two weeks for the grand opening.

Carso's Pasta

Dec 2008-Feb 2009

An elegant design coded with static XHTML/CSS displayed this family-owned business's complete line of pasta products, and contained a basic contact form to place orders or ask questions.

Other clients

Saga Beverages, WoofSites, PitchSmarter, BizzyFiles, Bainbridge Island Yacht Club, RoboStudios, and LinkBaby.

ONLINE PORTFOLIO

Recent code snippets can be found at github.com/hjhart

A more thorough compilation of old client-work with links and examples can be found at my website: www.hjhart.com

EDUCATION

University of Washington

2005- June 2010

Bachelor of Science – Mathematics
Bachelor of Science – Informatics
Dean's List – Spring 2010