

Experience -----

Full-Stack Web Developer | April 2012 – present

ConnectedHealth: private online health insurance exchange

- Worked with business and product teams to produce Acceptance Criteria and iron out reqs.
- Coded new features and improvements; paired with teammates when time allowed.
- Worked in models, controllers, rake tasks, views, helpers, specs, and assets.
- Fixed bugs while also writing failing tests, using Rspec, Cucumber, and Capybara.
- Used Git for our DVCS, Travis for CI.
- Redesigned administrative dashboard using Twitter Bootstrap.
- Participated in daily standup's, IPM's, and Retro's.
- Provided in-office tech support due to prior career's experience.
- Assisted in documenting and establishing release cycle, occasionally managed releases.
- Administered JIRA (OnDemand/Cloud), including workflows, screens, and Agile Scrumboards.

PairSeed: personal web app to connect troubled coders with mentors

- Created original concept. Built wireframes using Balsamiq.
- Built new features while prioritizing backlog.
- Tested with Rails 4 but stayed on Rails 3 due to some gems not yet up to date.
- Wrote rake task and scheduled a job on Heroku Scheduler to send out pair appointment reminders.
- Studied polymorphic relationships and tagging, implementing acts_as_taggable_on.
- Implemented friendly_id to replace numerical id's and pretty up URL's.
- Setup Google Analytics and UserVoice.

PhotogFind: startup to connect event organizers with photographers

- Inherited developers' codebase. Worked with startup to complete priorities and launch.
- Organized deployment environments. Mentored two beginner Rails developers. Upgraded to Rails 3.2.13 for security holes.
- Studied and used Nvie's git workflow. Implemented safety_mailer to prevent emails going to customers in staging.
- Added Heroku sysdrain to production logs and setup Loggly with exception_handler alerts to email and Campfire chatroom.
- Added Facebook OG meta tags using metamagic to customize titles/h1's for SEO.
- Studied and implemented state_machine gem to DRY up code and make states less complex.
- Moved obtrusive JavaScript to Asset Pipeline.
- Authored deployment procedure document.
- Backed up and restored Postgres databases. Fixed production bugs and pushed hotfixes.

AgentMooney: local music band that was in need of an online presence

- Made style tile to kickstart design. Worked with musician to understand needs and technically guided them.
- Wrote CSS from scratch and began playing with SCSS. Implemented jQuery carousel. Used Bootstrap's responsive library.

Otabo Shoes: small business using Shopify, that needed automation

- Listened to client needs. Engineered Shopify API solution, delivered AutoTagger to client.
- Setup transaction webhook on Shopify. Tested webhook online using requestb.in. Setup CNAME and pointed to dev environment via home router port forward.
- Parsed incoming JSON for customer and product(s). Checked against Shopify smart_collections. Tagged customers accordingly.

SnapClass: startup that tried to offer online classes of any sort

- Provided testing coverage to make product stable using RSpec and refactored codebase to take advantage of object oriented principles.
- Used Guard, AutoTest, and Growl to run tests and display results automatically so time was spent focusing on code.

Blosm: marketing website for an internal product

- Straightened up site layout and page flow using UX design patterns within Twitter Bootstrap's front-end framework.
- DRY'ed up pages controller code so that it was easier to read and made coding quicker.
- Switched from TextMate to Sublime for split-panes and package control in order to increase productivity.
- Implemented form for prospective customers to inquire about becoming a customer. Inserted a mailer to send an email to the sales team with customer information.

I.T. Systems Engineer | June 2003 – Aug 2011

Echo Global Logistics

- Supported over 1000 user infrastructure (hardware/software break-fix, user admin)
- Presented “Help Desk Improvements Proposal” to CTO and Manager of Infrastructure

Traditum Group

- Managed team of 3, recruiting individual technicians, saving \$20,000 in headhunter fees
- Facilitated all issues with vendors, major exchanges, & U.S. regulating agencies
- Researched, purchased, benchmarked, & installed better technology
- Managed 200 Windows boxes, 35 servers, 400 monitors, 10 smart phones, & battery backups
- Implemented & managed Google Apps; maintained DNS records; setup phpBB forum
- Supported 70 traders, 3 executives, & 7 staff members
- Racked, cabled, & designed server room; orchestrated moving office locations

Independent Contractor

- Dispatched to businesses and homes to train, fix, and setup consumer technology

Education -----

Code Academy / Starter League | Oct 2011 – Mar 2012

- Web Development Course - MVC concepts, Rails framework, full-stack basics
- User Experience Course - new design patterns and UX best practices
- Tuning Rails Course - performance testing, SQL query analysis, full-stack caching

University of Illinois at Urbana-Champaign | Jan 2001 – May 2003

- BA in Psychology (concentrating in HCI); Usability Analyst Intern @ Inventables
- Minor in Information Technology Studies; TeacherLink Team Project

Skills/Languages/Libraries/Tools/Concepts -----

Ruby/OOP, IRB, Rails(3&4), MVC architecture, RSpec, TDD, git, Github, HAML, CSS, HTML, SASS/SCSS, wireframing, Balsamiq, Javascript, JSON, CoffeeScript, jQuery, *nix, iTerm2, RVM, bash, OS X, RubyMine, performance tuning & security, Brakeman, Railscasts, state machines, MiniProfiler, SQL database concepts, MySQL, Postgres, Heroku, Loggly, Chrome & DevTools, Can I Use, Cucumber, Bootstrap, xray_rails, simple_form_for, devise, cancan

Volunteer Work & Communities -----

- Ruby/Rails Mentor at Chicago Tech Academy, Starter League, & Dev Bootcamp
- Startup Weekend, ChicagoRuby, Agile Open Space, Refresh Chi, DevOps Chi, HackerNews Chi
- Open Source Commits – Rails (docs), Devise, nested_scaffold
- Taught “Cooking with Git” workshop for beginners

Currently Studying -----

- Learn to Code HTML and CSS: Develop and Style Websites (by Shay Howe)
- Vagrant: Up and Running (By Mitchell Hashimoto)
- Angular JS