

Mike Frawley
952-913-3078
frawl021@gmail.com

Objective: Build web applications in an agile environment.

Languages: Ruby, Javascript, HTML, CSS, C#, SQL

Frameworks: Ruby on Rails, jQuery, Knockout, Backbone, Couchdb, Amazon

Strengths: Testing, Object Oriented Design, Technical Writing

Education: Bachelors of Science in Computer Science
Institute of Technology, University of Minnesota
Graduated May 2007, 3.5 Cumulative GPA

Creative Tech
space150

July 2010 - Present
Minneapolis, MN

Performed the full spectrum of web development roles at an interactive agency, from layout and javascript to ruby on rails and system administration. Helped deliver dozens of projects for clients like American Express, Optum Health, and Dairy Queen.

- Built and deployed rails applications to both traditional and cloud based environments including heroku, amazon s3 & ec2, and twilio.
 - Advised teammates on javascript architecture and framework decisions in person, through tech presentations, and by maintaining our internal engineering blog.
 - Partnered with designers to build several interactive html/css/js animated pages, including three animated homepages for cambriausa.com
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Software Consultant
Champ Software

April 2010 - July 2010
Mankato, MN

Enhanced Champ's Ruby on Rails healthcare application with infrastructure for communicating with state immunization registries using HL7 messages.

- Implemented a declarative ruby HL7 parsing and generation library and integrated it with a large rails application.
 - Using prawn pdf library to generate complex federal health forms.
 - Extensive testing with rspec and factory_girl.
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Lead Software Developer
Pillarsoft Inc.

March 2009 - July 2010
Minneapolis, MN

Built a financial risk analysis application with Ruby on Rails, Couchdb, and the ExtJS framework.

- Created a javascript calculation engine that ran both in the browser and on the server to get high client-side interactivity without duplicating logic.
- Built a declarative language for financial calculations that automatically computed execution order, allowing business experts to write all formulas themselves.
- Heavy use of the ExtJS javascript UI framework, including building several controls. Large clientside unit and interactive test suite using JSpec.

Software Developer
Black River Asset Management LLC

September 2008 - February 2009
Minnetonka, MN

Worked on a .NET desktop risk analysis application built with nHibernate, CSLA, and the DevExpress frameworks.

- Wrote ruby scripts to generate boilerplate CSLA and nHibernate files based off the database schema. Exposed it to coworkers as a Sinatra web service.
- Setup blogging software for our development team. Wrote articles on topics including using NUnit, UI design, and safe merging in svn.
- Wrote SQL and oracle's PSQL, including project to generate email reports from inside the database.

Software Developer
Epic Systems Corporation

September 2007 - August 2008
Madison, WI

Worked on the Real Time Eligibility team, writing software to interface with 3rd parties for insurance claims processing via the HL7 and X12 messaging formats. Wrote client/server applications in Mumps, VB6, and C#.

- Lead technical implementer for a five month software rollout at a major hospital. Made weekly calls and several on site visits, performed extensive setup and testing, and developed custom functionality the customer required.
- Developed several tools for our server side language, Mumps, including a unit testing framework and a collections library. Asked to join the core developer tools team.
- Participated in frequent code reviews.

Software Consultant
South East Asia Refugee Community Home

August 2007
Minneapolis, MN

Built an information tracking system and trained employees to use it to allow a non-profit to track the results of their job placement programs.

- Wrote custom views and logic using the Deluge language on Zoho Creator, including an access control system and email reports.

Software Developer Intern
Datacard Group

June 2006 - August 2006
Minnetonka, MN

Updated Datacard's printer diagnostics software with new features, using C and Visual C++.

- Finished project early and joined the rest of the developers in adding functionality to the low-level windows driver for a new printer.
- Self-motivated redesign of several screens to improve usability. After building a prototype and getting approval, implemented the design.