Daniel Reedy

Your Classic Devop, Passionate IT Manager, and Generally Nice Guy

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Technologies Summary

Preferred Development Scenario

Ruby 1.9, Rails 3.2, HTML 5, SASS/CSS 3, CoffeeScript/jQuery+UI written with VIM, tested with RSpec, controlled with Git, and deployed with Capistrano to Puppet managed servers

Obligatory List of Known Technologies

Proper Languages: Ruby, Objective-C, PHP

Web: HTML5, CSS3, SCSS/SASS, JavaScript, CoffeeScript

TDD/BDD: Test::Unit, MiniTest::Spec, RSpec, Capybara, Selenium, Cucumber, Steak, WebMock, FactoryGirl

Frameworks: Rails, Sinatra, Jekyll, Zend Framework, jQuery, Backbone.js, Twitter Bootstrap, RubyMotion

Operating Systems: Linux (Slackware, Ubuntu, Debian), OS X, Microsoft Windows desktop and server

Server Applications: Apache2, nginx, Microsoft Exchange Server, Sendmail, Microsoft SQL Server, Microsoft IIS, Microsoft System Center Configuration Manager, Apple Remote Desktop, MongoDB, Reddis, PostgreSQL, MySQL, SQLite 3

Project Management: Trello, Lighthouse, Rule.fm, Pivotal Tracker, Microsoft Project Server

Professional Experience

Southern Illinois University Carbondale; Carbondale, IL
IT Director, 2012-present
Assistant Manager of Information Technology, 2005-2012
Webmaster, 2003–2005

Civil service employment in IT management and Web Development including client support, project management, software & web development, and employee supervision within the University Housing department. University Housing has approximately 850 employees and provides housing for 4,000 students.

Web Development Accomplishments

- Established agile business practices and a test driven development methodology with a team of 3-5 student web developers
- Develop new web application using Ruby/Rails to streamline, enhance, and improve existing processes, including managing purchase reports, time tracking, ticket tracking, student requests, dining menus, prorate calculators, employee scheduling, timesheet management, room assignments and additional priority business processes
- Developed web applications used by approximately 4,000 students for housing applications, contracts, and support using Ruby/Rails
- Developed a gem for integrating SallieMae Electronic Payment Gateway for integration within contract and support portals and processing annually over $1,500,000 in contract pre-payments while maintaining PCI compliance
- Developed print, digital, and screencast training materials for staff and students related to web and desktop software
- Developed a Ruby gem for the StarRez Housing Management System REST Web Services API and Reporting API for integration into support portal
- Leveraged RubyMotion to develop internal iOS applications

IT Management Accomplishments

- Oversaw the growth of the IT department from a single file server into a robust, complex network of 17 production servers and 300+ networked workstations and devices, providing collaboration, database, web, centralize management, and proprietary business functions

- Implemented the use of Puppet to streamline the process to stand-up additional servers and services. Implemented Microsoft technologies according to best practices to provide system management, email communication, document sharing, and office support needs.
- Managed an approximately $1,000,000 budget that included bandwidth for on-campus residence halls, closed circuit cable television, salaries & benefits, software, and hardware purchases
- Coordinated with other departments within the institution to see cost savings on computer purchase of approximately 18%, savings of approximately $20,000 the first year
- Implemented a robust internship programming providing students from several major programs access to IT administration and modern web development techniques

Sekkeizu Studio; Carterville, IL
Owner/Principal Developer, 2000-present
Contract-based web development for a variety of commercial, non-profit, and government clients, both local and remote, leveraging cloud-based services such as Heroku, AWS, and Cloudflare, as well as VPS solutions at Linode, Slicehost, and RackSpace.

Partial Client List & Project Details
Hawaii's International Women's Leadership Conference (2009-2011)
http://www.iwlchi.org
An annual conference held in Honolulu, Hawaii featuring speakers from around the world and approximately 1,000 attendees from over 100 countries. Project included:
• Ruby/Rails-based CMS development with HTML5/CSS3 template design
• PCI compliant payment system development
• Custom reports
• Dynamically generated PDF attendee badges and table signs using Ruby and Prawn
• Content localization

Hawaii Robotics Organizing Committee
http://www.hawaiiroc.org
A non-profit organization that promotes six educational robotics programs within Hawaii's public and private schools. Project included:
• Ruby/Rails-based CMS development with HTML5/CSS3 template design
• Bulk email design and delivery
• Media gallery integration with third-party hosting services/APIs

Hawaii's 50th Anniversary of Statehood Conference
site no longer available
A state government sponsored conference of over 600 delegates to commemorate the 50th anniversary of statehood for the state of Hawaii. Project included:
• Ruby/Rails-based CMS development
• PCI Compliant payment system development
• Dynamically generated PDF attendee badges and table signs using Ruby and Prawn

Vine Church
http://www.vinechurch.net
A non-profit website for a church of over 1,600 attendees. Project included:
• Ruby/Rails-based CMS development with XHTML/CSS template design

• Online giving system using merchant service provider Authorize.net to allow for one-time payments and recurring payment schedules including reporting and management
• Podcast RSS feed generation for teaching audio
• Google maps integration for events and small group

Education

Southern Illinois University, Carbondale, IL — Graduate level work within MBA and Applied Linguistics degree programs (2004-2008) *degree programs unfinished*
Southern Illinois University, Carbondale, IL — B.S Information Systems Technology, 2004

Public Speaking & Presentation

"Leveraging REST Web Services", Presenter, StarRez User Conference, San Diego, CA 7/19/12
"StarRez on Rails", Presenter, StarRez User Conference, Memphis, TN 7/18/11
"Rapid Application Development with Rails", Presenter, DotDAWG student organization meeting, Carbondale, IL 09/18/10
"The CSS Box Model" MCMA-396, Guest Lecturer, Web Publishing, Carbondale, IL 10/22/09
"Designing Websites with CSS", Presenter, SIU Web Dev Conference, Carbondale, IL 8/10/09
"Before you Ride the Rails", Poster Presenter, HighEdWebDev, Rochester, NY 10/22/06
"Before you Ride the Rails", Presenter, SIWebDev Association, Carbondale, IL 4/5/06
"Understanding AJAX", Presenter, SIWebDev Association, Carbondale, IL 9/7/05
"What's New in PHP", Presenter, ACM, Carbondale, IL 9/9/03

Technical Reviews

Athayde, John and Bruce Williams, *The Rails View*, Raleigh, North Carolina: The Pragmatic Bookshelf, 2012
Hogan, Brian, *Web Design For Developers,* Raleigh, North Carolina: The Pragmatic Bookshelf, 2009