Nicholas C. DeSteffen

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Senior Developer

Technical Proficiencies:

Ruby • Ruby on Rails • RSpec • jQuery • Amazon EC2 • CoffeeScript • Backbone.js • MongoDB • Cucumber • Git • HTML SCSS / CSS • Linux • Sphinx • Capistrano • OpenCms • JavaScript • PostgreSQL • MySQL • Rake • Test::Unit • Java • Subversion

Professional Experience:

BenchPrep - Chicago, IL (https://benchprep.com)

Senior Developer - January 2012 - Present

- Development of main Ruby on Rails 3.2 application using RSpec for test coverage
- Participated in development of core web application study tool using Backbone.js and CoffeeScript
- Wrote custom reporting wrappers to simplify integration with Highcharts javascript based charts and graphs
- Lead project to migrate custom email system to ExactTarget using their REST API
- · Mentored and lead junior developers
- Wrote a custom content markup validation DSL
- Lead database transition from MySQL to PostgreSQL

Eight Bit Studios - Chicago, IL (http://eightbitstudios.com)

Senior Developer (Independently Contracted) - February 2011 - February 2012

- · Lead developer on Ruby on Rails 3.2 project allowing users to create and conduct market research surveys
- Developed rich GUI for building surveys using jQuery and jQuery UI
- Wrote a plugin for CKEditor to choose dynamic content to be inserted into user editable forms and interpolated using Nokogiri
- · Developed a logic system for adjusting the flow of surveys at runtime based on prior question answers
- Integrated Zencoder, Carrierwave, and Uploadify for adding videos to surveys
- Optimized website for mobile device usage
- Built out backend reporting system for viewing survey results using jqPlot charts and graphics

Sharecare Inc. - Atlanta, GA

Contractor - February 2012 - Present

- Performed UI development of new online patient scheduling component of sharecare.com using Backbone.js
- Maintenance and support of WisePatient.com website

WisePatient (Acquired by Sharecare Inc.) - Chicago, IL (https://www.wisepatient.com) Co Founder & Lead Developer - January 2010 - February 2012

- Member of founding team that built WisePatient.com and sold to ShareCare Inc. in February 2012
- Ruby / Rails development / systems administration / jQuery / CSS / UI development
- Prioritize business needs with partners using Basecamp for story management and collaboration
- Performed UI design and development of new features and enhancements
- iOuery / JSON based provider search including real time patient driven appointment scheduling solution
- Developed jQuery / JSON based provider calendar / scheduling solution
- Developed API for synchronizing data from multiple 3rd party practice management systems
- Integrated with Facebook and Google Maps
- Billing solution using Authorize.net
- Text messaging solution for sending out to appointment reminders with support for confirmation responses
- Developed messaging system for patients and providers to facilitate communication and scheduling of appointments

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Active Radius LLC - Chicago, IL (http://www.activeradius.com, http://www.homelifeperks.com) Lead Developer - February 2010 - February 2011

- Ruby / Rails development / systems administration / jQuery / CSS / UI development
- Lead developer of application designed for personalizing client perks portal
- Mentored 1 junior web developer and 1 QA developer
- · Primary decision maker regarding vendors and technology used
- Built out and configured multiple server environments (production, staging, demo) using Amazon EC2
- Created and maintained Capistrano deployment script
- Took charge in initiating various Agile methodologies; Daily standup meetings, TDD, story writing, continuous integration, rapid release cycle
- Performed TDD using RSpec and Cucumber, 90% code coverage
- Setup Hudson CI server for managing automated build process
- Developed web based image cropper used to customize client portal website
- Integrated with Google and Yahoo for importing of contacts
- Integrated with Facebook and Twitter to allow users to post to their wall and Twitter stream
- · Developed billing system using Authorize.net
- Integrated with offshore developed client portal built on Ruby on Rails and PostgresSQL
- Wrote scripts to load data from affiliate marketing websites; Commission Junction, LinkShare, Google Affiliates

My Health and Money LLC - Chicago, IL (http://www.myhealthandmoney.com)

Web Developer (Independently Contracted) - May 2009 - February 2010

- · Member of core team that designed, built, and launched new website: www.myhealthandmoney.com using Ruby on Rails
- Participated in story writing sessions during initial concept of website and throughout development
- BDD was performed using Cucumber and Webrat
- Over 90% unit test coverage using RSpec
- Developed solution to mark users with invalid email addresses in order to reduce chance of being flagged as a spammer
- Developed process for loading monthly data feed from third party partner using Rake, FasterCSV, FTP libraries
- Took point on setting up Cucumber BDD framework for integration test coverage
- Used Nokogiri XML parser to pull data from partner website in order to quickly make new features available for members
- Wrote a plugin to bundle up application sorting logic spread throughout the codebase
- Integrated Google Maps view into facility directory

CarePages Inc. (a subsidiary of Waterfront Media) - Chicago, IL (http://www.carepages.com)

Web Developer - May 2007 - April 2009

- Member of team that rewrote <u>www.carepages.com</u> under a 6 month deadline to become a cutting edge social media website using Ruby on Rails and Rspec. CarePages.com has 1.5 million unique visitors and 30 million page views per month.
 - Integrated site with PayPal to receive donations
 - Integrated DoubleClick advertising solution
 - Developed solution for having over 350 unique themes and skins
 - Developed solution for uploading and displaying images
 - Enhanced user experience using AJAX technology
- Researched and implemented a CMS solution using OpenCms which reduced the number of code releases by 50%
- Practiced Agile development methodologies; focus on TDD, BDD, short iterations, story writing sessions, and pair programming
- Maintained a high quality codebase with over 90% unit test coverage
- Constantly refactored code in order to keep the codebase clean, consistent, and extendable
- Collaborated with design team to implement mockups and wireframes developed by creative team
- · Partnered with QA department to maintain quality and consistency throughout the site
- Collaborated with DBA to optimize database intensive queries
- Participated in code reviews and team refactoring sessions
- Enhanced and Maintained legacy J2EE/Oracle www.carepages.com web platform
- Worked with customer support to resolve user issues
- Performed site performance monitoring

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eVentive LLC - Chicago, IL

Senior Consultant - September 2006 - May 2007

- Developed reports from an Oracle database using Crystal Reports
- Maintained report repository using Crystal Enterprise
- Integrated the business workflow engine, LogicBase Studio, with Microsoft SQL Server 2005

Fiserv Health (now owned by UnitedHealthCare) - Wausau, WI

Systems Analyst - August 2003 - September 2006

- Lead developer on 3 applications; Member of team that supported 13 applications
- Performed maintenance and support of entire suite of applications hosted on www.fiservhealthservices.com and <a href="www.fiservhealthservh
- Responsible for working with other business units in order to gather requirements, design application screens, perform database modeling, develop core application code, and develop UI
- Key contributor in the development of the main portal application built on top of Apache Jetspeed-1
- Key contact for maintenance and support of main portal application
- Integrated OpenCms content management system into main portal
- · Researched and developed several portlets to utilize AJAX technology to provide the user with an enhanced experience
- · Responsible for writing business reports using Microsoft Reporting Services and Crystal Reports

Stora Enso North America - Stevens Point, WI

Intern - April 2002 - August 2003

- Created and maintained critical information displays on local intranet using ASP and HTML that was required to be available 24/7
- Wrote reports from an Oracle database in Oracle Developer 2000 and Crystal Reports 8.5
- Performed programming tasks in VB6 and VBA for internal office applications
- Various technical support and helpdesk duties

Education:

University of Wisconsin Stevens Point - Stevens Point, WI

May 2003

Bachelor of Science, Computer Information Systems

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