Jon David Koon - Software Developer

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Background

I'm an Atlanta based software developer with a focus in web development. I enjoy creating highly responsive, usable, beautiful, well architected, and maintainable applications that solve real problems.

Education

Georgia Institute of Technology, Atlanta, GA
Bachelor of Science in Computer Science, December 2009

Skills

Programming
Python, C#, Java, PHP, C, Bash, Perl, SQL, Razor

Frontend
JavaScript, jQuery, jQuery UI, Backbone.js, Underscore.js, KnockoutJS, Canvas
HTML, CSS, Compass, SASS, Blueprint.css, Modernizr, HTML5 Boilerplate

Web Frameworks
Django, ASP.Net MVC3, Spring MVC, Drupal

Server
Linux, Windows 2003
Nginx, Apache, IIS
MySQL, Postgres, SQL Server, Oracle
Amazon EC2, Amazon S3, Rackspace Cloud, Google App Engine

Tools
Vim, Visual Studio, Eclipse
Mercurial, Git, SVN, CVS
Virtual Box, Vagrant
Pivotal Tracker, Fogbugz, Lighthouseapp, JIRA
Maven, Ant

Experience

The Proven Method, Atlanta, GA

Software Developer, March 2009 - Present

Projects

- Worked with a distributed team to develop and deploy a web based Management Performance Dashboard for Aaron Rents. Role involved creation of two custom jquery plugins and oversight of frontend architecture.

- Provided consulting and e-commerce development for the redesign of whiteoakpastures.com in partnership with Green Olive Media.

- Prototyped web based means to interoperate with a users local hardware using Java Applets and Node.js

- Architected and developed a web based, distributed, business intelligence platform for Aaron Rents utilizing ASP.Net MVC 3, C#, SQL Server, jQuery, and KnockoutJS

- Championed and developed custom tachometer widget for use with Aarons Management Performance Dashboard using HTML5 Canvas.

- Developed custom cascading list jquery widget modelled after OSX finder for Aaron Rents.

- Crafted proposal for replacing undergraduate lab management system for the Georgia Tech Department of Physics.

- Lead frontend engineering and backend rewrite for a web based store diagramming, data gathering, and reporting tool for The Home Depot using Django, jQuery UI, and Backbone.js

- Designed, built, and documented 4 web services for the Administrative Office of the Courts to securely transmit traffic citation data from Georgia's law enforcement agencies, to county courts, and eventually to the state citation data warehouse.

- Contributed programming, and design expertise to deploy a web based Probate Court Information System capable of managing information, generating forms, reports, and receipts for marriage licenses, firearms licenses, probate cases, birth certificates, death certificates, and wills.

Improvement

- Helped CIO and Account Manager in multiple presales meetings to win a multi million dollar contract

- Mentored entry level developer for 5 months helping him to create multiple jQuery plugins and contribute significantly to a large enterprise application.

- Mentored summer intern and helped him successfully release two billable web projects with minimal prior web experience.

- Orchestrated and performed migration of 30+ company email accounts from Microsoft Exchange to Google Apps while keeping business running through the process.

- Presented technical talks to non-technical recruiters on topics such as: HTML5, Version Control, Web application architecture, and How to read a technical resume

- Migrated company from Visual Source Safe to self hosted SVN, and eventually to cloud hosted Mercurial over the course of two years

- Integrated existing static company website into the Drupal content mangement system.

- Designed company blog and assisted in-house social media expert with website maintenance.

- Wrote blog posts on hyrbid mobile applications and the current browser wars.

The Creative Circus, Atlanta, GA

Interactive Development Instructor, July 2011 - April 2012

- Taught an intro to programming course encompassing variables, logic, control flow, iteration, functions, and object oriented programming using JavaScript

- Designed curriculum from the ground up including lesson plans, projects, interactive lecture notes, reading assignments, class website, and tests

- Customized Python based html5 slide generation software to create interactive JavaScript lecture notes.

- Maintained class website where students can review the syllabus, lecture notes, assignments, and find external resources

Jon D Koon Development & Design, Atlanta, GA

Freelancer, Decemeber 2008 - Present

- Launched redesign of ProcessLogic.net, an IT services company

- Implemented and Designed thegreenflue.com a Drupal based E-Commerce web site on self managed Linux VPS

- Designed, Developed, and Maintained fraternity intranet that provided brother and associate profiles, rush management, associate education tracking, and various member reporting using role based permissions

Tailored Technologies Incorporated, Roswell, GA

Software Developer, May 2007 - December 2008

- Programmed and Designed basecamp style file and messaging system with sophisticated permissions for the Southern Regional Testing Agency

- Built fault tolerant SMS messaging system and SMS testing tools

- Designed and Developed easy website creation tool to be bundled with Office in a Box product

- Designed 4 websites using Drupal CMS with custom PHP, HTML, CSS, Javascript

Siemens Energy and Automation, Alpharetta, GA

Intern, May 2006 - August 2006

- Researched help authoring tools for the learning services department

- Assisted Six Sigma black belt to find a bottle neck in the product ordering software