

Jon David Koon - Software Developer

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Background

I'm a native Atlantan and now San Francisco based software developer with a focus in web development. I am passionate about 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

JavaScript, Ruby, Scala, Python, C#, Java, PHP, C, Bash, Perl, SQL

Web Frameworks

Ruby on Rails, Django, ASP.Net MVC3, Spring MVC, Drupal

Frontend

JavaScript, jQuery, jQuery UI, QUnit, Jasmine
Flight.js, Backbone.js, Underscore.js, KnockoutJS, Canvas, Modernizr
HTML, CSS, Less, SCSS, Twitter Bootstrap, Blueprint.css, HTML5 Boilerplate

Server

Ubuntu Linux
Nginx, Apache
MySQL, Postgres, SQL Server, Oracle
Amazon EC2, Rackspace Cloud, Google App Engine

Tools

Vim, Sublime Text 2, Visual Studio, Eclipse, IntelliJ
Git, Mercurial, SVN, CVS
Virtual Box, Vagrant, VMware

Experience

Twitter Inc., San Francisco, CA

Software Developer, September 2012 - Present

- Frontend engineer on Twitter's Web Profiles team.
- Responsible for writing test driven code for twitter.com in Scala, Ruby, JavaScript, HTML, and CSS
- Lead team that recieved a popular vote hackweek award during Q1 2013

The Proven Method, Atlanta, GA

Software Developer, March 2009 - August 2012

Projects

- Lead frontend engineering and backend rewrite for a store diagramming, data gathering, and reporting tool for The Home Depot using Django, jQuery UI, and Backbone.js
- Lead frontend development for a custom enterprise resource planning system utilizing Twitter Bootstrap, Backbone.js, jQuery, ASP.Net MVC3, and Razor
- Worked with a distributed team as frontend architect to develop and deploy the Management Performance Dashboard for Aaron Rents
- Provided consulting and e-commerce development for the redesign of whiteoakpastures.com in partnership with Green Olive Media
- Architected and developed a peer-to-peer 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 cascading list jQuery widget modeled after OSX's Finder for Aaron Rents
- Prototyped web based means to communicate with a user's local hardware using Java Applets and Node.js
- Designed, built, and documented four web services for the Administrative Office of the Courts to securely transmit traffic citation data
- Programmed a Probate Court Information System capable of managing information, generating forms, reports, and receipts

Improvement

- Helped CIO and Account Manager in multiple presales meetings to win a multi-million dollar contract
- Mentored and trained entry level developers and interns
- Orchestrated and performed migration of company email accounts to Google Apps while keeping business running through the process
- Presented technical talks to non-technical recruiters on topics such as: HTML5, version control, and web application architecture
- Integrated existing static company website into the Drupal content mangement system

The Creative Circus, Atlanta, GA

Interactive Development Instructor, July 2011 - April 2012

- Taught an intro to programming course using JavaScript
- Created curriculum from the ground up
- Customized Python based html5 slide generation software to create interactive JavaScript lecture notes
- Built and maintained class website

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

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
- 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

Activities

- President of Georgia Tech Association for Computing Machinery, August 2006 - May 2008
- Technology Chair for Theta Xi Fraternity, August 2006 - 2008