

# Joe Meilinger

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## SUMMARY

I am an experienced developer, comfortable with both client-side and server-side web development as well as various frameworks, languages and technologies. As the software development landscape constantly changes, I find that I love the challenge of staying abreast of new technology and pride myself on being a quick learner. I enjoy collaborating with clients directly and operating in a rapid/iterative delivery model.

## EXPERIENCE

### Senior Software Engineer, NJVC, LLC

O'Fallon, Illinois — May 2011-Present

I currently serve as a senior software engineer with light management duties at NJVC, LLC. My primary focus is developing/architecting high-quality web-based software products, while being involved throughout the product lifecycle and interacting directly with our clients, using open-source tools where possible. Our projects are managed using SCRUM for iterative delivery/feedback. Additionally, I act as a mentor to both junior and senior developers for programming language and architecture/design questions. Clearance information available on request.

#### Accomplishments

- Lead developer on various NGA applications, using technologies including Python and Java, utilizing the Play! Framework and Flask web microframework.
- Assisted with development of company's internet presence and intranet using Drupal.
- Developer on various SharePoint 2010 Webparts/small sites

### Senior Web Developer, Rodgers/Townsend, LLC

St. Louis, Missouri — May 2007-May 2011

Created rich user experiences using Flash (AS3) as well as advanced Javascript/HTML5, backed mostly using the Umbraco CMS. Was responsible for getting websites setup on IIS7, website auditing as well as full lifecycle management on various websites. Worked closely with the Director of Digital Development, Creative Directors and Account Executives to meet client needs quickly.

#### Accomplishments

- Crawfordtaylorfoundation.org website - built complete site front-end and backend using Flash (AS3) and HTML5, using the Umbraco 4.5 CMS for content management
- Dailyquad.com website - built complete site using Umbraco 4.5 CMS, integrated with Authorize.NET for ecommerce component as well as Constant Contact for bulk email list management
- Created microsites for various clients, using Flash and/or HTML5/Javascript for front-end development

### Software/Web Developer, CPI Corp

St. Louis, Missouri — May 2000-May 2007

Started at CPI building math-heavy CCD reconstruction software, which then led into developing microcontroller code for custom digital camera calibration. Was hired full-time

as a back office developer using technologies including C# and Perl for report generation and sales system data capture. Moved to web development and worked on a small team to implement a marketing website as well as an eCommerce website using C#, Microsoft Commerce Server 2007 and Microsoft Content Management Server 2002.

### **Accomplishments**

- Built eCommerce site for online photo order fulfillment as well as the company's main marketing websites for company offering information.
- Worked in a small team using Team Foundation Server for source control.
- Created various updates/patches/software for deployment to 1000's of studio computers located across the United States, Mexico and Canada.
- Developed CCD reconstruction mechanism from conceptual blueprint.

## **EDUCATION**

### **University of Missouri - Rolla, Rolla, MO**

BS – Computer Science — 1998-2002

## **SKILLS**

- C#/HTML(5)/CSS(3)/Javascript/Python/Ruby/SQL/Flash/AS3/C++/C/PHP/Objective-C
- jQuery, jQuery UI, Backbone, Underscore, Twitter Bootstrap
- ASP.NET 1.1/2.0/3.0/3.5/4.0
- Umbraco .NET CMS, Play! Framework, Ruby on Rails, Django, various open-source microframeworks/CMSs
- Sharepoint 2010
- Greensock TweenMax library for rich Flash animations
- IIS 5.1/6/7/7.5 Setup/Configuration
- Apache 2+
- Unit testing via NUnit and VS2008/2012 tests
- Microsoft Enterprise Library (logging/configuration/data access)
- DotNetNuke custom modules
- Particle System Rendering
- Enterprise integration
- SQL Server 2000/2005/2008/2012, MySql, Sqlite3 and Postgres database engines
- NHibernate/ActiveRecord/Linq for SQL ORMs
- Linux/BSD/Solaris (various distributions)
- Windows 2003/XP/Vista/7/2008/8
- Various GUI toolkits/MFC/FLTK
- OpenGL
- Regular Expressions
- Neural Networks
- Image processing
- Embedded/microcontroller development
- Adobe AIR (HTML and AS3)

## **REFERENCES**

Available upon request.

