
Jeff Moyes

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Professional Experience

Entrepreneur

American Fork, UT

- Creating online training course teaching web components
- Developing bluetooth device and related app to be used in the sport of fencing
- Developing open source/open hardware embroidery machine
- Planing stages for creating virtual reality educational materials

FamilySearch

Salt Lake City + Orem, UT

Web Developer

- Developed and maintained various portions of the FamilySearch website (which is composed of multiple NodeJS+ExpressJS-based Web Apps)
- Wrote front end AJAX based code that communicated with Web Services on the NodeJS layer, and further services on the NodeJS layer that communicated with services from further back tiers
- Maintained and updated AngularJS code used by some of the web apps
- Maintained and extended Unit tests using Mocha+Chai frameworks
- Contributed knowledge of Internationalization/Localization issues and Accessibility issues to other teams as needed

MindStorm Development

American Fork, UT

CEO/Founder

- Founded company
- Programmed custom solutions in areas such as eLearning courseware and student registration/class tracking systems
- Evaluated existing software solutions for applicability to client's problem spaces and installed and administered these solutions – including areas as diverse as groupware (using eGroupware) and Business Process Automation (using Intalio)
- Partnered with other companies to deliver solutions to clients

Rapid Intake

Lehi, UT

Internal Developer

- Researched technologies for applicability to upcoming projects
- Developed new functionalities for Learning Management System (cms) and Online Issue Management System
- Developed client/server application with the client in Flash and the server in asp, that communicated via xml messaging
- Developed Flash + Actionscript based templates
- Researched Internationalization issues for company products
- Helped plan and host developers conferences
- Helped provide IT services informally (including hardware maintenance)

Mindivity
Developer

Salt Lake City, UT

- Helped extend existing Flash-based Rapid Course Development system with an xml-based backend
- Developed an alternate AJAX-based front end to the Rapid Course Development System
- Created eLearning courses in a team environment

Allen Communication
Multimedia Programmer

Salt Lake City, UT

- Developed template-based, standards compliant (w3c) web development platform
- Developed techniques and libraries to allow non-standards-compliant browsers to emulate compliance and use the platform
- Helped spearhead a company-wide workflow process based on this platform that was used as the predominant workflow process in the company for several years.
- Developed and updated interactive Flash animations (many of which had robust flash <-> browser <-> server communication)
- Updated internal PHP based application, adding new features while at the same time cleaning up the output from non-validating, Internet Explorer only "tag soup html" to validating xhtml + css that worked with all standards compliant browsers.
- Provided usability consulting for redesign of company web site
- Provided accessibility consulting in-house and to clients
- Provided in-house Internationalization and Localization consulting
- Researched new web technologies for applicability to company
- Trained fellow employees on technologies, in both high-level cross-discipline sessions and in-depth discipline-specific sessions
- Created eLearning courses in a team environment

My Story Videography
Freelance Web development

Las Vegas, NV

- Designed and developed company web site
- Site is valid xhtml + css, table-less layout with semantically correct markup.

Neways International
Freelance Web development

Springville, UT

- Developed online order form for new company product
- Provided support for Graphic Designer on Flash animation

Genealogical Search Services
Web Master

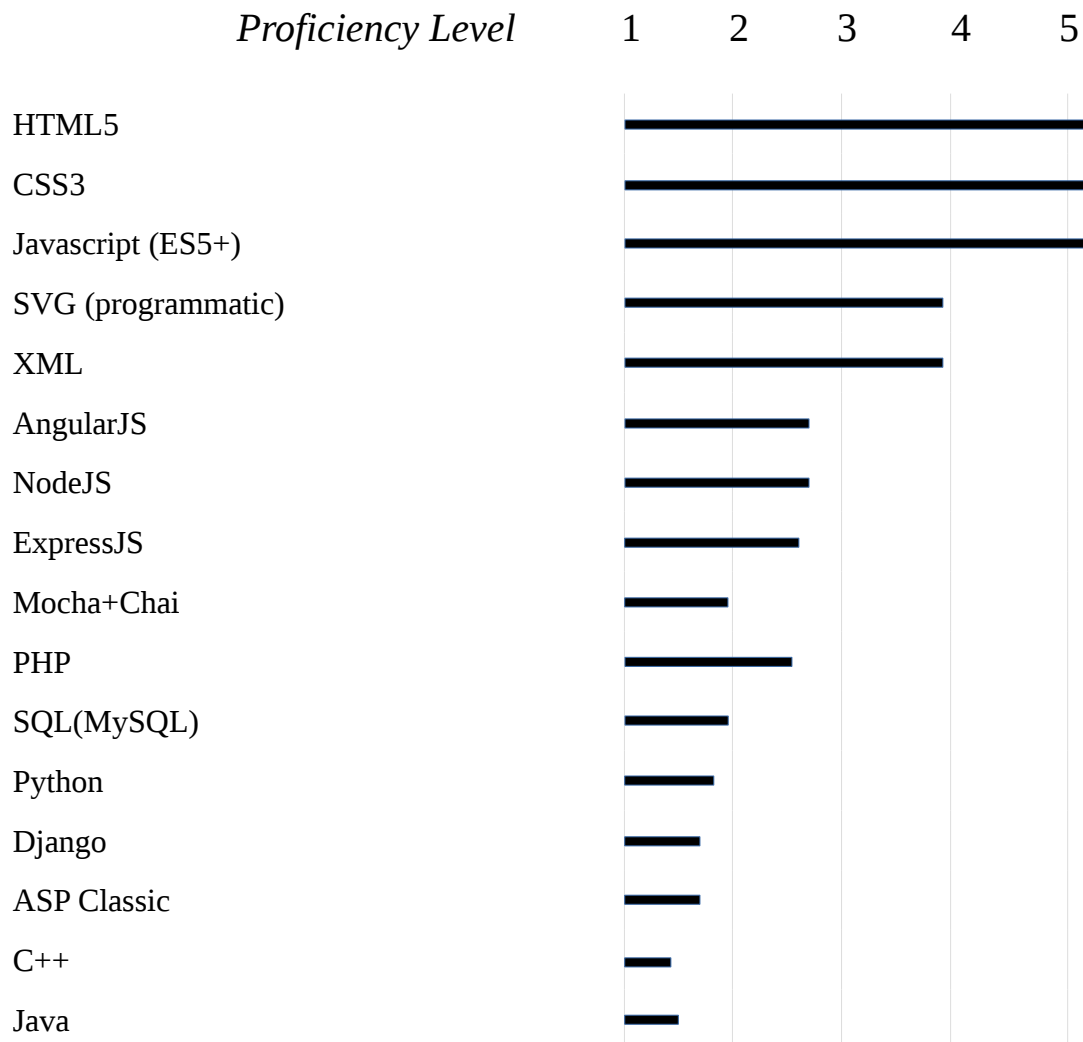
Orem, UT

- Maintained and extended Perl based search engine for in house needs
- Created and maintained company web site
- Visually designed and Desktop-Published company catalog
- Evaluated and recommended technology purchases
- Provided general tech-support

Skills

Languages, Frameworks, and Technologies

- 1 – Have used it, can read it, and make basic changes
- 2 – Can maintain it an existing codebase
- 3 – Proficient
- 4 – Quite Proficient
- 5 – Extremely Proficient



Web Development

- Always strive for best w3c standards compliance, semantically correct code
- Usability
- Accessibility (w3c WAI and Section 508)
- Responsive design

- REST, Web Services

Internationalization and Localization

- Very knowledgeable of encoding, character sets, and display issues

Operating Systems

- MS Windows, Linux, Mac OS

Hardware

- Regularly builds and troubleshoots computers

Additional Technical Skills

- SCORM 1.2, 2004
- Experience with integrating eLearning courseware into many different LMSes
- Extensive experience with eLearning course production (workflow, production techniques, and relevant technologies)
- Knowledgeable of web trends
- 3D modeling (Blender)

Currently learning

- WebVR and WebRTC for online Virtual Reality applications + communication
- Unity3D, C#

Other Skills

- Always innovating
- Constantly working on learning and learns quickly
- Self Starter
- Takes initiative in researching new technologies for their applicability to current workflow processes, and trains others on the results of that research (including developing illustrative models and prototypes)
- Seeks ways to increase efficiency and productivity (especially through the application of new technologies)
- Uses “down time” constructively (usually keeping abreast of technology)
- Fluent in Dutch

Education

Brigham Young University 1999

Provo, Utah

Bachelor of Arts in Music

Minor Family Science

BYU 4 year, full tuition academic scholarship

Service

- Volunteer Personal Service Representative, Netherlands Amsterdam, Dutch Speaking
- Performed with volunteer service community musical group for over a decade

Leadership Experience

- Served as chairman for Citizens Technology Committee for the city of American Fork, Utah during selection of a preferred service provider to manage city-owned broadband network.
- Served as a member of Citizens Technology Committee during development of requirements and RFP.
- Trained conference attendees at eLearningDevCon 2004, 2005, 2006, 2007, and 2008. Sessions included:
 - *What web based e-Learning can learn from the world of web development*
(A course on the benefits of w3c standards),
 - *Death by Browser: Teaching Internet Explorer new tricks*
(A course on how to implement patch libraries – now called polyfills – so IE will be able to process more standards compliant code).
 - *CSS Crash Course: From 0 to 60 in 10 seconds*
 - *SVG and XForms: Unleashing the power of these exciting web technologies in e-Learning,*
 - *Internationalization and Localization,*
 - *Using Flash Cookies to track eLearning Data,*
 - *Open Source Tools for eLearning*
- Trained conference attendees at UtahJS 2012 in a session
 - *WebGL Crash Course*
- Provided internal company training to fellow web developers at FamilySearch on Web Components

Personal Interests

Making (Maker Movement), Virtual Reality, Educational Technology, Vocal and instrumental music (specializing in woodwinds)