

software architect

JONATHAN KNAPP

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me

I am a motivated, passionate web developer who enjoys taking a project from the initial idea to completion. I strive to exceed my clients' expectations and ensure the tools I create provide maximum impact. I have a knack for breaking down problems and finding the optimal solution which has allowed me to bring much more expertise to projects than just my development skills.

experience

Software Architect, Caffeinated Solutions Akron, OH 2006 - present

Caffeinated Solutions is the name of my freelance web development company. I started with a handful of clients and have continued to operate by referrals of satisfied customers. I have developed web sites, created software applications, WordPress plugins, and helped fit whatever need a customer seems to have. I have yet to encounter a project that I couldn't figure out, but I have restrained the type of projects that I accept to fit within my available time.

Bushido Coder, Expand LLC Akron, OH 2008 - 2009

Expand is a small start-up of 7 people that started in 2007 and has worked with clients such as Best Buy, Detroit Energy (DTE), The Cleveland Clinic, and Corporate Executive Board. Expand was one of my freelance clients, until I became a partner of their business in March of 2008. I was responsible for all software development, complicated web development, updating and supporting the LMS software that I created (www.takethetrain.com), and interacting with its users and keeping them up to date on features of the system.

Software Engineer, National Security Agency (NSA) Ft. Meade, MD 2004 - 2007

While I was attaining my Computer Science degree from The University of Akron, I took part in a cooperative education program with the Department of Defense in Maryland. I had four separate "tours" where I would work for 4 month increments in different departments to get a diverse education during my co-op.

Student Help Desk, The University of Akron Akron, OH 2007 - 2008

I worked in the student help-desk portion of The University of Akron between classes where I troubleshooted computer issues on the phone and at the service desk. I was later drafted to a small team dedicated to developing a 3D area of Akron's campus that someone could navigate on an Xbox 360 using Microsoft's XNA programming libraries.

IT Support, Goodyear Akron, OH 2007

A member of Goodyear's IT Support team, I was responsible to keeping the teleconference rooms clean, up to date, and fully functional. I would setup the rooms pre-meeting and clean them up post-meeting. I was in charge of making sure the usage documentation was up to date and relaying any important information between the members of my team, who all worked different hours than myself.

IT Support, Omnova Solutions Akron, OH 2005

A member of the IT Support team, I was responsible for answering technical information by phone, email, or in person for all internal employees of the company. Other job responsibilities included troubleshooting network/computer/printer problems, PC deliveries and handling computer upgrades.

education

University of Akron, Akron, OH — Bachelors of Computer Science, 2002 - 2008

- ▶ minor in Computer Imaging
- ▶ graduated from the Honors College at The University of Akron
- ▶ graduated Cum Laude, 3.568 GPA

Maplewood Career Center, Ravenna, OH — Information Technology, 2000 - 2002

- ▶ studied two years of Cisco's CCNA certification
- ▶ member of National Honors Society
- ▶ member of Business Professionals of America
- ▶ went to finals in Anaheim, CA as a member of the state champion, presentation management team for BPA my junior year and state finals my senior year

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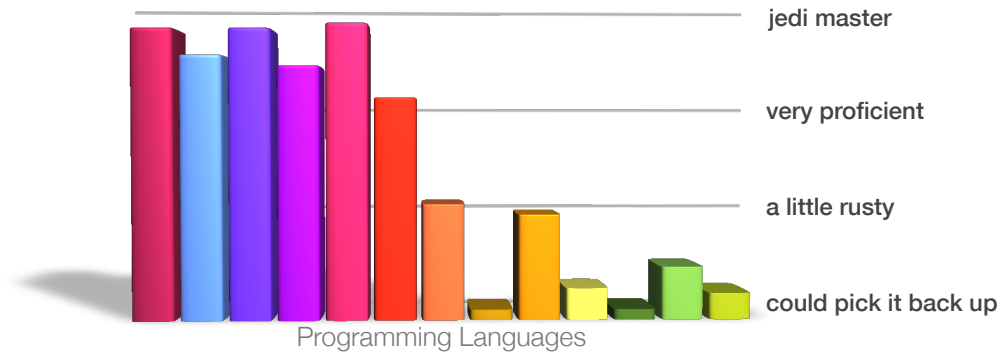
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skills



- ActionScript 2/3
- Flex/AIR
- PHP
- MySQL/SQL
- HTML/CSS
- jQuery/JavaScript
- C#
- C++
- Java
- Perl
- Assembly, tcl
- XSLT
- Objective-C

Here is a breakdown of the development languages that I use most often, and a personal approximation of my proficiency in each one.

Please note, I do not like to limit myself to a specific language when handling a project and prefer the best "tool" for the job, but I believe that this information is beneficial for companies who are looking to fill a specific need.

- ▶ I prefer to use Subversion, a code repository for keeping track of project files, and will gladly explain the benefits to a company which has not yet looked into this option.
- ▶ I am registered as a certified iPhone developer, though I have yet to release any applications to the store. Please feel free to ask about this area if interested.
- ▶ I welcome the opportunity to meet with potential clients to learn about their business problems. I explain exactly how I can help and usually provide multiple solutions, in case timelines or budgets are fixed for the project.
- ▶ I have a very good knack for taking a larger project and breaking it into manageable parts. I have created a touch screen Bingo client/server application, an entire Flash based Learning Management System (LMS), and many training content navigation applications using this trait.
- ▶ I have a strong desire to continue learning and evolving in my occupation. I also enjoy communicating with other people who are passionate about their work. I am active in local Meetup groups and attend national conferences related to Flash, Flex, and other web technologies to continue my personal/professional education and networking.
- ▶ I am Assistance Organizer of the monthly Akron/Canton Web Meetup. <http://graphicdesign.meetup.com/481/>
- ▶ Please check out my digital portfolio at www.jonknapp.com for a more visual representation of my work. I welcome the opportunity to provide additional information. Please contact me to learn more about my past projects, places I've worked, my design methodologies, professional references, or any other attributes you may find intriguing.