

JACOB SWARTWOOD

Profile

Experienced developing and maintaining AJAX, Java EE, and PHP applications. Collegiate education in C++ and Java development. Experience working in both Agile and Waterfall/Sashimi models. Proficiency at picking up new skills quickly; comfortable learning and developing in unfamiliar languages and environments. Happiest when confronted with difficult challenges and pride myself on my ability to solve problems.

Technical Skills

Operating Systems: Windows, Linux, Mac OS, Unix

Programming Languages: Javascript, CSS, HTML, Java EE, PHP, RTML, SQL, C++, and familiarity with Ruby, Perl, Lisp.

Frameworks: ATG, Struts 2, Spring, Hibernate, Ant-contrib, jQuery, YUI, MooTools, Mochikit, Prototype, Dojo

Databases: MySQL, Oracle & Oracle XE, MS SQL server

Version Control: SVN, Perforce, CVS, MS VSS.

IDEs: Eclipse, MS Visual Studio, Textmate, e

Build/Deployment: Tomcat, Ant

Experience

Web Developer, American Eagle (contract w/ Tek Systems); Pittsburgh, PA 2/2009-current

Acting as the lead developer and front-end architect for a complete rewrite of the checkout process. Work closely with back-end dev team to spec project requirements and solutions. Developing a custom JS library tooled to the specific needs of AE as layered on top of ATG. Mentoring other developers working on the American Eagle and Martin & Osa websites with an emphasis on web-standards compliance, SEO, and better accessibility.

Software Engineer - Application Developer, Vocollect; Pittsburgh, PA 9/2008-11/2008

Helped develop an enterprise level web application as part of a team of other development and SQA engineers. Worked with modern Java frameworks: Spring, Struts 2, Hibernate. Lead an initiative to greatly reduce the client (browser) load. Worked in an agile development environment. Also helped QA fix Selenium scripts during regression testing.

Product Engineer/Web Developer, Solid Cactus Inc; Shavertown, PA 2006-2008

Lead design and development of several products created to be easily and quickly deployed on hundreds of different Yahoo! stores. Developed alternative technologies when common AJAX methodologies proved limited. Wrote a Javascript framework for use with new features and custom client projects. Patched, updated, and optimized almost the entire existing product line. Developed or modified approximately 300 websites including the company's most high-profile clientele. Feature and site development was done primarily in RTML, Javascript, CSS, PHP and SQL; some legacy features were done in ASP.NET.

Restaurant Manager, Mill Hollow Café; Luzerne, PA 2005-2008

Managed company accounting, advertising, inventory control and sales. Under my management, sales increased by 23% while costs decreased by 15%. Design and production of business cards, menus, website, and other advertising. Oversee continuing development of company performance.

Systems Admin, House of Nutrition Inc / Mill Hollow Café; Luzerne, PA 1997-2008

Design, implementation, and management of various web-applications including: an automated bakery product pricing system, printable dinner menu generator, and payroll calculator. Designed and built the company computer system including customer kiosk and wireless hotspot for the accompanying café.

Technical Staff, University of Pittsburgh; Pittsburgh, PA 2004-2005

Education

University of Pittsburgh, Pittsburgh, PA; BS Computer Science, 2004