

Adam Gschwender

SOFTWARE ENGINEER IN NEW YORK WITH OVER 10 YEARS OF
WEB DEVELOPMENT EXPERIENCE IN HEAVILY TRAFFICKED
WEBSITES



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EXPERIENCE

Warby Parker

2013

Skills: PHP, Javascript,
Groovy, MySQL, Capistrano,
Flyway

Senior Software Engineer in New York, NY

Wrote credit card processing application in Groovy which interacted with Merchant e-Solutions. Acted as implementation lead on the site conversion agile team. Integrated visual redesign to checkout flow. Automated setup of developer workstations and environments for the Magento application, including database migration via Flyway and deployment via Capistrano.

McCann Erickson

2011-2013

Skills: Django, Java, jQuery,
MySQL, Play, Python, Ubuntu,
WebLogic

Senior Software Engineer in New York, NY

Acted as technical lead on several web service based WebLogic applications, written in Java using the Play framework. Developed an Android application which allows users to take, store and share photos. Developed a copy editing application in Python's Django framework which provides non-developers with the ability to modify a website's copy without requiring developer support. Created an internal Adobe AIR application which interacts with Active Directory and the Yammer API.

Interactive One

2009-2011

Skills: Apache, CentOS, jQuery,
Oracle, PHP, Python

Senior Developer in New York, NY

Implemented the OpenSocial JavaScript container specification within the Interactive One social networking sites. Developed a PHP ORM-like library for mapping objects to queries whilst maintaining control over the queries. Developed a search application using Elasticsearch and Python's Disco, a MapReduce framework. Applied Google's SEO best practices to various areas of the sites: sitemaps, rss feeds, relevant and descriptive titles, canonical urls, etc... Identified and fixed several XSS vulnerabilities.

The New York Times

2008-2009

Skills: Apache, CentOS, PHP,
MySQL

Software Engineer in New York, NY

Developed search-related PHP applications for nytimes.com. Implemented the New York Times site search and vertical searches using Google's Custom Search Engine. Created conceptualization and categorization services for extracting semantic information which can be embedded as meta data and linked to relevant topics. Developed an application for producing XML Sitemaps which are submitted to Google and other search engines as well as HTML sitemaps for user browsing.

Community Connect

2002-2008

Skills: Apache, jQuery, Oracle,
PHP, Redhat

Senior Developer in New York, NY

Acted as the technical lead in developing a PHP based dating application. Developed a transaction (billing) application in Java which interfaces with Telecheck and ClearCommerce. Developed the Blackplanet.com music site. Additionally, completed many medium and smaller sized projects. Designed data models for searching millions of user profiles in real time. Used caching techniques to perform the minimal number of queries on heavily trafficked pages.

JobDirect.com

1999-2001

Skills: AOLServer, Oracle, Perl,
TCL

Senior Developer in Stamford, CT

Managed a team responsible for maintaining JobDirect.com. Was responsible for releasing and reviewing all new development/enhancements. Was personally responsible for the recruiter and e-commerce portions of the website. Integrated with CyberCash to securely process credit card transactions. Created AOLServers for running the JobDirect.com website, which was implemented in TCL.

MISCELLANEOUS

Open Source Projects

`pilbox`: An image resizing application built on the Tornado web framework using PIL.
`reddited-extension`: Chrome extension for accessing Reddit content.
`python-web2image-server`: Server for generating preview thumbnails of web pages.
`jquery.formatDateTime`: jQuery plugin for formatting a date object.

Publications

Elahi, Ata, and Gschwender, Adam. ZigBee Wireless Sensor and Control Network. Boston: Prentice Hall, 2009.

SKILLS

Apache: ★★★★★
Git: ★★★★★
Java: ★★★★★
jQuery: ★★★★★
MySQL: ★★★★★
Nginx: ★★★★★
Perl: ★★★★★
Python: ★★★★★
Unix: ★★★★★

CSS: ★★★★★
HTML: ★★★★★
JavaScript: ★★★★★
Linux: ★★★★★
MongoDB: ★★★★★
Oracle: ★★★★★
PHP: ★★★★★
Tcl: ★★★★★