

CV

Andrew Walter Couch

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Nationality: American (German Daueraufenthalt-EG visa)

Language Skills

American English native speaker

German fluent

Projects as Freelance Web Application Developer and Consultant

(since May 2013) Andrew Couch Solutions, Freiburg

April 2014 – Present : Freelance Developer, NexNow

Skills: MS SQL, Javascript, PostgreSQL, Python

- Developed a de-duplication system in MSSQL and PostgreSQL
- Developed web-based tools in Javascript and Python
- Completed various data processing, data migration, and data analysis projects
- Developed .NET Winforms tools for client needs

August 2014 – Present : Diverse WordPress projects for various clients

- Setting up and adjusting plugins
- Theme development and changes
- MySQL Reports
- Building custom plugins

April 2014 – May 2015 : Developed a CRM Portal, Services Client

Skills: MS SQL, .NET MVC 4, C#, ASP.NET

- Remote project for client in Switzerland
- Solely responsible for all development on this project
- Developed complete new portal for client tracking and time entry with MVC.NET including data migration

October 2013 – January 2014 : Database Consultant, Gymondo GmbH

Skills: MS SQL, MySQL, REST/JSON, CSS (SASS), C#, ASP.NET, jQuery, JIRA, Git, Bootstrap3

- Originally brought in for database performance improvements on MS SQL : Was able to bring logins from 30s to under 100ms within a few weeks.
- Supported migration of system from MS SQL to newly developed MySQL Platform. Coordinated and advised external development agency.
- Supported previous system on Python/ASP.NET MVC Basis.
- Built complex reports to support business and marketing team members.
- Mentored junior developer.
- New development of Front-End with Twitter Bootstrap3.
- Took part in daily Scrum meetings.

July 2013 -August 2013 : Software Developer, E-Commerce Client.

Skills: C#, ASP.NET, MS SQL, SQL XML, XML/XSL, HTML/CSS, jQuery, JIRA

- Part of team in continued development of .NET e-commerce platform for German publishing client.
- Developed import and export tasks on proprietary framework.
- HTML/CSS rebuild of several core pages.

Products

September 2014 launch – Peanut Butter Bar (peanutbutterplugin.com) – WordPress Plugin

Skills: PHP, WordPress

- Plugin for WordPress blogs to create a highly customizable bar that sticks to the top of sites.

Work Experience

December 2007 – April 2013 *Software Developer*, Virtual Identity AG, Freiburg, Germany.

- C#/.NET Programmer for multi-site e-commerce platform websites containing 6+ Million products
- Developed import system to integrate external data sources into DB
- Developed back-end modules, as well as front-end coding including jQuery and complex CSS
- DB “go to guy” for project using MS SQL, SQL XML, Stored Procedures, extensive data analysis and database design tasks
- Implemented Lucene/Solr search system. Set up DataImportHandler for Solr.
- Implemented web services in .NET to deliver XML to various internal and external programs including Google XML
- Implemented Facebook pages in php
- E-Mail Newsletter templates. Both free-form with XML/XSLT and in Inxmail.
- Built internally used tool for client using open source Simile Timeline jQuery framework

Skills Used: C#, ASP.NET 2.0/3.5, MS SQL, SQL XML, XML/XSL, Lucene/Solr Search, HTML/CSS, jQuery, php, JIRA, Inxmail

June 2006-Sept 2007: *Software Engineer*, Surgical Review Corporation(SRC), Raleigh, NC, USA.

SRC manages a Bariatric Surgical Center of Excellence program as well as collects data for research.

- Primary software developer on C# web application used to administer the Centers of Excellence Program, one the company’s main purposes.
- Routine maintenance and bug fixes, as well as larger projects.
- Coordination with non-technical people to gather requirements and explain upgrades to system.
- Projects included redesigning entire subsections to accommodate growth and change in the system from requirements gathering through database and software design and implementation of this design.

Skills Used: C#, ASP.NET 1.1, SQL incl. Stored Procedures, OO Design, Javascript, HTML/CSS

June 2001 – July 2003; May 2004 – March 2006: *Software Engineer*. Peopleclick, Raleigh, NC, USA.

Peopleclick is a software company which builds and hosts a group of online web-based HR software tools. I worked at Peopleclick twice, between which I was studying in Germany. (See foreign study section above)

- Internationalized a web-based enterprise software application; allowing the system to read, store, and display double-byte/UTF-8 data. In addition to coding, I was responsible for mentoring contractor resources during part of the project.
- Extensive experience refactoring VB, XSL, SQL XML, and SQL for efficiency and changing requirements.
- Quick response to production issues. Diagnosis and coding of fixes in a time critical manner.
- Troubleshooting of client reported issues, estimating times required to fix with basic descriptions of fixes required.
- Planned, investigated, and wrote standards guide for front-end UI update of application.
- Wrote additional module into established framework to import new types of data to the system.

Skills Used: Classic ASP, VB6, SQL, XML/XSL, Javascript, HTML/CSS

June 2000 – April 2001: *Web Developer*. Merant, Morrisville, NC, USA.

I managed code for groups of websites for 2 clients, encompassing 8 websites: Informational, B2B, and B2C applications. I made weekly and monthly content updates, fixed problems, and responded to and advised on client requests for enhancements.

Skills Used: Classic ASP, SQL, Javascript, HTML/CSS, CGI

Skills:

I have passion for the web and its capabilities, as well as database technology. I am good at dealing with both technical and non-technical people in a team setting. I am highly analytical and excel at finding and fixing bugs in software. I am an avid online gamer and adept as using Skype to collaborate with teammates across the globe.

C# and ASP.NET
SQL/T-SQL/SQL XML
Microsoft SQLServer, MySQL
NoSQL such as Lucene/Solr and Redis
XML/XSL
Object Oriented Methodologies(OOP)
SVN/Tortoise
Git/Github
Grunt.Js/Node.JS
JIRA
n-tier web applications
Javascript
HTML/CSS
Visual Basic (VB6)
VBScript /ASP

Education

August 2001- August 2006: *Master of International Studies,*
North Carolina State University(NCSU). Raleigh, NC.
Concentration : Western Europe and International Technology

August 1996 - August 2000: *Bachelors of Science: Major Computer Science,*
Virginia Polytechnic Institute and State University(Virginia Tech).
Blacksburg, VA. Minors – German, International Studies.

August 1992 - May 1996: *High School.*
CE Jordan High School, Durham, NC.

Foreign Study

August 2003 - May 2004: Exchange Semester as a part of Master of International Studies. At
University Freiburg, Germany.
Courses in Java, Telematik, Politics, and a pre-semester German language
course

June/July 1999: University Freiburg. Virginia Tech Program: EU Structure and International
Finance

June/July 1997: NCSU Summer Program in Vienna.
Art and architecture of the turn of the century.

Hobbys

WordPress blogger learning PHP. Interested in Android development and social media.
Photography, boardgames, video games, painting, european travel.