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WEB APPLICATION DEVELOPER

Security Clearances: US Department of Defense (DOD) Secret, US Department of Homeland Security (DHS) Secret.

Programming Languages: AJAX, Java, PHP, HTML, DHTML, JavaScript, PERL, KornShell, XML.

Development Environment: Windows, MacOS, Linux, Tomcat, MySQL, MS SQL-7, Oracle, Weblogic, Codeignitor, OpenVista.

Deployment Environment: SunOS, MacOS, Tomcat Java Web Server, Codeignitor, Apache, Netegrity Siteminder, Weblogic, Netscape Iplanet, MS SQL-7, Oracle, OpenVista, Open Connect, Web Connect.

EXPERIENCE

Major Financial Institution Manhattan, NY April 2010 to Present

Developer / Business Analyst

Developer a financial application (LAMP).

The application is a client and sales agent facing program which generates sales proposals customized for the client based on his financial portfolio. It also provides the ability to review account balances and transactions online as well as enter trades. The framework is PHP-Codeignitor with Memcache, Oracle, JQuery, Financial APIs and XSRF protection. I am the chief architect of most of the security features including XSRF, Server hardening, virus scanning of file uploads, authorization control. I also am the chief architect of the financial API feed consumption and caching..

Real Estate Development Philadelphia, PA September February 2009 to April 2010 *Real Estate Development*

During this time, I managed the construction and development of some real estate that I own

Human Capital Management. Client: DePersico Creative Group Havertown, PA September 2008 to February 2009 *Architect / Developer / Business Analyst*

Architect and Developer for complete overhaul of an employee-facing application in PHP and MySQL (LAMP).

The application is a time-accounting and billing application with graphics upload and archive functionality. The project offered me the opportunity to do substantial system administration on MAC-OS (Leopard). Unfortunately, an economic downturn caused this project to be cancelled prior to completion. The completed portions were written in Object-Oriented PHP, with AJAX, and PHP system calls to object-oriented encapsulations of ImageMagick.

Peter E. Costello & Sons Inc.
Philadelphia, PA
September 2007 to Present (Concurrent)
Architect / Developer / Business Analyst

Architect and developer for a customer-facing application in PHP and MySQL (LAMP).

The application performs real-time construction of a PDF catalog of properties for sale, as well as geocoding the locations and presenting a mapping application interface. The application makes extensive use of Javascript as well as PHP data modeling. As part of this product development, I also developed a PHP framework which has also been used by another organization.

Investment Management
December 2006 to September 2007
Managed personal investments.

During this time, I developed a series of windows scripting host applications for personal use, and updated some PHP applications. I concurrently completed graduate-level education in Military Strategy.

AT&T
Dallas, Texas
September 2006 to December 2006
Contract Developer

In the tools group of networking operations, develop and support various internal tool applications in Java, PHP, and PERL. Manage Remedy System, and SMARTS InCharge.

Estate Resolution
December 2005 to August 2006

Cared for a terminally ill parent, resolved estate affairs, and managed investments.

U.S. Army
Afghanistan
June 2004 to December 2005
Embedded Trainer / Military Advisor

Activated with the National Guard to train Afghan military. Embedded with Afghan Army units, and conducted missions with them. Concurrently, rewrote the payroll program for the Afghan National Army.

Unisys
Springfield, VA
May 2004 to June 2004
Web Developer, Legacy Programmer

This contract for Department of Homeland Security required a secret clearance. Prior to completion of the clearance, I was called to Active Duty for the National Guard.

PFPC**Philadelphia, Pennsylvania***April 1998 to May 2004*

Senior Web Developer / Unix System Administrator / Netscape Administrator

Senior developer building web applications in Java on Tomcat and Weblogic. We had two back-end environments, the first was an IBM CICS Transaction Gateway and MS SQL-7.0. The second was Java APIs to VAX VMS and Oracle.

As a senior team developer, I researched and selected new technologies, helped to establish standards, and taught mainframe programmers to become J2EE Servlet/JSP programmers. Some of my products:

Product 1 was a J2EE application built upon a Struts framework for internal fund managers which allowed them to enter mutual fund trades real-time into the processing network. It used Java APIs into a mainframe computer, Weblogic App Server, Netscape Webserver, and Oracle database.

Product 2 was a J2EE application for clients (i.e.: BearStearns, Vanguard), to allow users to navigate from the client website to the CheckFree website without separate log-in. It performed triple-DES encoding on the user information forwards him to CheckFree without the requirement to log-in again. Included a series of web-based tools to synchronize encryption key updates. All stored information (3DES keys, userId, userPw etc) was encrypted with a rotating-modulus encryption bean to protect it from network snooping and database views. I was the architect and programmer of this product.

Product 3 was a J2EE MVC-Compliant Password Reset application that allowed users to reset their passwords without help-desk intervention. It used the familiar "secret phrase" technique, and emailed a new password to the user's email address. I was the architect and programmer of this product.

Products 4 and 5 were the Customer Service Console web applications for BlackRock Mutual Funds, and the Investment Accounting System Error Correction Interface. These were part of a series of products moving legacy applications from 3270 screens onto web applications built on Bluestone Sapphire Web 5.0, and OpenConnect Java Screen Scraper.

Product 6 was a set of transaction processing web applications similar to product 10, with different technology. It used a TN-3270 gateway, screen scraper, and Java web application server. I was the architect and programmer of this product.

The Star Company**Philadelphia, Pennsylvania****July 1996 to April 1998***Contract Developer***Naval Air Warfare Center****Warminster, Pennsylvania****March 1995 to July 1996***Safety and Occupational Health Specialist***157th Separate Infantry Brigade****Horsham, Pennsylvania****January 1988 to January 1995***Assistant Facility Engineer, Acting Facility Engineer**Public Affairs Officer (Concurrently)**Executive Officer***EDUCATION**

US Military Academy
West Point, NY

Excelsior University
Albany, New York

University of Oklahoma
Panama Campus
Master of Public Administration - Incomplete.