

Michael J. Watt

Objective

To secure a position as a Software Engineer participating in the design and development of Internet and/or Mobile applications.

Summary of qualifications

- Strong work ethic, high degree of professionalism
- Extensive leadership and management experience
- 15 years professional experience in Internet coding using primarily: Java, JavaScript, ASP, HTML, CSS, AJAX
- 7 years professional experience in Windows API coding using: VB, C, C++, C#
- Primary languages: JavaScript, Java, HTML, CSS
- Secondary languages: Node.js, VB.NET/C#, C, C++
- Solid understanding of SQL, relational database (Oracle and SQL Server)
- OS experience: Windows (all versions), some UNIX

Semi-pro experience

Jan 2012 - Present

NFP App Development

- Developed password storage app for Windows Phone. Distributed in the Windows Phone store, as "Hidden Pass", by Watt Phoneware. This app has been downloaded over 7,000 times.
- Developed a Media Query Phonegap mobile app for Android (or other). Distributed via Google play as "Media Query Results", by Michael Watt / Three Simians Software.
- Under development and near release, two HTML5/JavaScript games using Phonegap: "Connect 3" and "Whack a Politician".

Professional experience

Jan 2007 - Present

Oracle

Pleasanton, CA

Sr. Software Engineer

- Designed and developed modules for version 2 of the EAM product.
- Modified EAM client-side to run on Firefox, other browsers (was IE only)
- Converted EAM product to allow Internationalization/Localization
- Maintain and extend mobile EAM add-on product (VB.NET)
- Designer and coder on EAM product (Java, HTML, CSS, JavaScript, AJAX).
- Lead small team of developers in Manila, Philippines on several small projects.

Dec 2004 – Dec 2006

SPL W. G. (acquired by Oracle)

Walnut Creek, CA

Sr. Software Engineer

- Worked with the SPL application framework team on the release of version 2.0 of the SPL framework (middle-tier POJOs/Hibernate. Coordinated research and architectural design for an extension of the SPL application framework designed to support wireless applications (server: Java, sockets, JMS / client: C# .NET).
- Continued work on EAM product, becoming one of only two primary architects.

July 2003 – Dec 2004 Synergen (acquired by SPL) Walnut Creek, CA
Sr. Software Engineer

- Worked on conversion of Synergen's flagship product – an Enterprise Asset and Work Management application – from Oracle Web Forms to an Intranet application. The server portion of the application consisted of Oracle, Java Servlets, XML and XSLT. The client portion was hosted in an I.E. browser with HTML, CSS, JavaScript, DOM manipulation. Communication to the server was hybrid of standard HTTP submission and AJAX (XMLHttpRequest).

Mar 2003 – July 2003 HealthMarketInsights San Francisco, CA
Sr. Software Engineer

- Lead developer for the final release phase of an ASP-based, Oracle-backed web application that provided consumers with the means to choose Hospitals and doctors based upon multiple rating factors.

Feb 2002 – Dec 2002 Intel Santa Clara, CA
Contract Programmer

- Wrote Java Classes that used JMX Mbeans to enable remote control and administration of BEA WebLogic Server
- Co-authored a new release of a product using an ActiveX control embedded in a web page as client and two tiers business objects developed as VB6 COM DLLs running in MTS

Jan 2001 – Feb 2002 Medem San Francisco, CA
Contract Programmer

- Retained by Medem (when Intel project was completed) to create new releases of programs mentioned below
- Participated in site builder re-write using JSP, Java Servlets and EJBs with BEA Weblogic server

Dec 1999 – Dec 2000 Intel (for Medem) San Francisco, CA
Contract Programmer

- Lead developer in creation of an AMA sponsored web application to semi-automate creation of Doctor's web sites using Future Tense (site builder)
- Developed template based web site display mechanism (site renderer) using ASP

Nov 1998 – Dec 1999 Intel Santa Clara, CA
Contract Programmer

- Participated in the development of the "Adage Edge", an Internet magazine published by the Adage corporation – using ASP, HTML, JavaScript and extensive use of DHTML

April 1998 - Nov 1998 Lam Research Fremont, CA
Contract Programmer

- Created several utility classes, as well as DLLs and OCXs in VB5, including RTF writer, NT Event logging, file abstraction and MAPI wrapper objects

- Developed several client server and intranet applications using SQL Server 6.5, VB5 and ASP

May 1997 - April 1998 Intel Santa Clara, CA

Contract Programmer

- Participated in the design and programming of a multilingual intranet/Internet application using Internet Information Server, Active Server Pages, VBScript, JavaScript, SQL and Oracle 7.3 targeting thousands of Dealers world wide
- Visual Source Safe setup and administration

Feb 1996 – May 1997 Lam Research Fremont, CA

Contract Programmer

- Programming of multiple client-server projects using VB4, Microsoft SQL Server 4.3, 6.0, 6.5 and Transact SQL
- Designed and coded automated Mail and FAX servers comprised of multiple OLE Automation modules

June 1992 - Feb 1996 Hospital Cost Consultants / CIS Pleasanton, CA

Programmer / Software Engineer / R&D Supervisor / Technical Mgr. R&D

Responsible for the hands on creation, development and maintenance of:

- Client - server network architecture, GUI development, common components, ODBC development, coding standards – using VB, MFC, SQL
- Hiring, training and supervision of the Windows group in R&D

1982 - 1992 Seq Technology San Jose, CA

Wafer Fabrication Supervisor / General Foreman

- Middle management position (General Foreman)
- Created file translation utility and Mask Inventory Program in C++

Education

1993 - 1998 University of Santa Cruz Extension San Jose, Palo Alto

Computer science classes

- Several classes on Windows Programming in C and C++
- Several Java Programming classes
- 4.0 GPA
- Obtained Microsoft Windows Programming Award