Sean Walker

Sacramento, CA
916.396.4470
sean@seanwalker.org

PROFESSIONAL PROFILE

Skilled software engineer with over 15 years of experience. Committed team player and mentor to fellow engineers. Enjoys programming, problem solving, learning new skills/software, and teaching others. Excellent references will show track record of meeting aggressive schedules with highest quality of work. Currently involved with several open-source projects.

EMPLOYMENT HISTORY

Fiserv   **2/16 – Present**
Contractor   **Sacramento, CA**

Achievements:
- Optimized and repaired Update Manager data loading and householding performance.
- Integrated Update Manager's UI with scheduling system web services.
- Optimized javascript front end and C# core libraries for Publisher product.

Quantum Consulting Services   **10/11 – 2/16**
Senior Software Engineer   **Sacramento, CA**

Achievements:
- Building and maintaining software and services to support migrating legacy code to modern system utilizing Entity Framework, SQL Server, SOAP/WCF, and Windows Services.
- Designed new and re-engineered existing business layers to interact between translated code and .Net APIs.
- Analyze existing code and produce reports on business rules and created functional code in C# from original code and analytics.
- CAMMIS BRE Project (Pharmacy Rules Validation) Extract, analyze, and document business rules from existing COBOL programs. Write and maintain tools to support documentation and analysis. Developed standalone applications to automate comparison of rules generated by Quantum BRE tool and Xerox generated rules using statistical analysis for pattern matching. Assisted in the refinement of the BRE tool and provide general support to the BRE team.
- Building and maintaining various web based applications utilizing jQuery, AngularJS, JavaScript, MVC5, Bootstrap, ASP.Net, Entity Framework, SQL Server, and C#. This includes multiple smaller applications as well as completely redesigning and building both the middle tier and front end for a large web based system.
- Built and managing multiple Virtual Machines for development, deployment, and testing of several software products.

LinkOne Pros   **7/10 – 11/11**
Senior Software Engineer   **Sacramento, CA**

Achievements:
- Built and maintained multiple web applications and supporting services utilizing various technologies including AJAX, JavaScript, ASP.Net, Entity Framework, LINQ, SQL Server, SOAP/WCF, and Windows Services.
- Created and maintained complex SSRS reports. Interfaced with SQL Server and SSRS using SOAP API to automatically populate report parameters and integrate tightly with websites.

CLC Technology   **1/04 – 6/10**
Product Manager   **Granite Bay, CA**

CLC is the leading provider of legal benefits to employees.
Achievements:
- Designed and created new version of portal software according to managerial requirements utilizing technologies including AJAX, ASP.Net, JavaScript, SQL Server, Web Services, fully dynamic page content, multi-threading, stored procedures, complex SQL, secure authentication, ISAPI plug-ins, .Net Remoting, design patterns, unit testing, and more. This application was designed from the ground up to be resilient, multi-threaded, cluster capable, and secure.
- Managing software team that is responsible for maintaining and testing current web portal application as well as new development for new applications of the portal software in multiple vertical markets.
- Built and maintained the payment processing system including handling real time credit card transactions, recurring payments, security, and compliance.
- Create and maintain ancillary support applications for new portal software including everything from Windows services to PERL scripts in support of all systems from development to testing to release.
- Moved development from an ad-hoc, error prone method to a structured version controlled system with integrated bug tracking software and developed an automated software build and release system.
- Built and managed multiple Virtual Machines to support the SQA and networking groups.

PostX   **11/03 – 3/04**
Consultant   **Cupertino, CA**

PostX is the leader in secure email software.
Achievements:
- Created plug-in to enable PostX encryption software to be integrated with Novell's GroupWise. Plug-in integrates GroupWise with PostX servers and standalone encryption and decryption.
- Updated existing PostX plugins for Microsoft Outlook and Lotus Notes with bug fixes and updates to PostX architecture.

Retail Technologies International   **9/02 – 11/03**
Lead Developer   **Folsom, CA**

RTI is a market leader in providing software for the retail market.
Achievements:
- Created several custom modifications for existing customers
- Built an editor for the data repository in Oracle
- Designed and implemented various tools to manage and distribute data updates
- Implemented several management utilities

WAVS, Inc.   **4/02 – 7/02**
Lead Developer   **Folsom, CA**

WAVS was a startup company providing a Test Automation solution to the wireless industry. This company was dissolved due to financial difficulties.
Achievements:
- Created custom User Interface Add-In for Visual Studio .NET.
- Created product interface to SQL Server database
- Controlled several processes utilizing .NET Remoting
- All programming in C# using Visual Studio .NET

AtPac   **8/99 – 04/02**
Senior Consultant   **Grass Valley, CA**

AtPac is a company that offers proprietary software as well as consulting and support services to county government offices in California.
Achievements:
- Managed several Windows and Unix programming projects
- Managed a web based document storage and retrieval system in Perl, JavaScript, C/C++, Visual Basic, SQL, and HTML utilizing an Oracle backend.
- Developed a Unix based application to verify and record digital signatures for electronic recordation of documents over the Internet.
- Developed a fingerprint scanning and recognition routine in Windows in C++ for use in multiple applications for electronic transfers of secure documents from remote locations.
- Developed and maintained data entry applications in Visual Basic and Visual C++ for user interfaces to Unix backend software.
- Wrote many Unix shell and Perl scripts to handle data interchange with legacy systems. Systems support, administration, and troubleshooting for HP/UX, SCO, Linux, DG/UX, and Windows systems

American Driving Records   **8/99 – 12/99**
Windows Programmer   **Rancho Cordova, CA**

American Driving Records allows car insurance companies to link into the DMV records to access individual driving records for rate quotes.
Achievements:
- Integrated SSL into existing software products for both client and server written in C++.
- Replaced older software with newer, enhanced versions written in Delphi and Visual Basic.
- Wrote several applications for integration of DMV security requirements.

Synergex   **8/98 – 8/99**
Windows Programmer   **Gold River, CA**

Synergex maintains and modernizes the compiler for the legacy language Dibol including their own enhancements and extensions to the language.
Achievements:
- Integrated legacy compiler utilities with new, third party visual editor.
- Integrated new language parsing routines into visual editor.
- Created a communication interface between visual editor and legacy product.
- Managed upgrades/enhancements to compiler product line.

County of Placer   **1/97 – 7/98**

Departmental Systems Technician   **Auburn, CA**

County of Placer Health and Human Service Department Information Technology group supporting various computer systems, networks, and software.

Achievements:
- Technical support for one of the largest departments in Placer County.
- Maintained and administered Windows and AS/400 systems.
- General network, printer, system troubleshooting.
- Training in both a classroom and individual basis.

California Department of Food and Agriculture   **1/95 – 12/96**

Student Assistant   **Sacramento, CA**

CDFA Plant Industries division supporting hundreds of workstations statewide.

Achievements:
- Technical support of hundreds of workstations both local and remote.
- Novell, Windows, and Linux system administration
- Developed application for use in border stations across California that collects data and issues citations.
- Developed several supporting applications for various projects.

EDUCATION AND INDUSTRY KNOWLEDGE

- Sacramento State University – Bachelor Science, Computer Science, Enrolled in Masters Computer Science
- Operating Systems*:* Mac OS-X, Linux, Unix, Windows 3.1 – 8.1 and NT – 2012
- Applications: Apache, CruiseControl.Net, CVS, Excel, GroupWise, IIS, MSSQL, MySQL, NUnit, Oracle, Photoshop, Power Point, Subversion, Visual Studio .Net, Visual SourceSafe, Word
- Languages/Skills: AI, AJAX, Android, AngularJS, ASP.Net, Assembly, C/C++, C#, Delphi, Design Patterns, distributed systems, Entity Framework, HTML, Java, JavaScript, MVC, .Net, Pascal, Perl, SQL, shell scripting, TDD, threading, XML, WCF