

Summary:

Senior Software Analyst/Software Engineer with over 20 years of professional experience developing innovative solutions that create success for employer and client. Working knowledge of software technologies and processes, general business knowledge, problem solving skills, interpersonal relationship skills, and always flexible and adaptable.

Professional Technical Skills:

- Programming: PHP, VB, C/C++, ASP, Perl, SQL, HTML, Palm OS, UNIX and DOS shell, XML, SOAP, ADO, CSS, MVC, .NET and other frameworks.
- Database: MySQL, Oracle, Microsoft SQL Server, Informix, Sybase, Microsoft Access.
- Software: Microsoft Office Suite, Visio, Project, Adobe Photoshop, InstallShield.
- Miscellaneous: SEI CMM, Subversion, SharePoint, MS Visual Studio, LAMP.

Professional Experience:

Westar Aerospace & Defense Group – *www.westar.com* **2007-Present**

Applications Development Manager

- Lead software developer and designer.
- Manage team of five 3d modelers and software developers, maintain schedules and WBS, track requirements and issues, document and enforce processes for CMMI Level 3 compliancy.

Q Messenger, Inc. – *www.qmessenger.com* **2006**

Director of IT

- Lead software developer and designer.
- Manage team of in-house and contract IT staff, develop release schedules, track requirements and issues.
- Maintain local infrastructure and remote servers, document and enforce processes, ensure product availability and security, work with third party vendors.

Spiritus, Inc. – *www.spiritus-inc.com* **2004-2006**

Senior Software Analyst

- Developed web based collaboration tools.
- Implemented configuration management tools for SEI CMM compliancy.

Webfire Technologies – *www.webfire.com* **1991-2006**

Founder and Owner

- Designed, developed, marketed, and supported a line of products for a commercial online bulletin board system. Products included security enhancements, system maintenance, and Web porting tools.
- Provided complete custom Web solutions for clients, including design, development, and hosting. Projects ranged from complex database-driven Web interfaces to Web site redesigns to make better use of standards and to improve usability.
- Client list and testimonials available at <http://www.webfire.com/testimonials/>

MemberClicks, Inc. – *www.memberclicks.com* **1999-2004**

Co-Founder and Co-Owner, Vice President – Hosting Services

- Cultivated a complete Web presence offering by establishing a hosting services product. Specified equipment requirements, designed and deployed infrastructure, and developed guidelines for sales and support training.

Chief Technical Officer

- Lead technical team in software migration to Java/Oracle technology and three-tiered distributed server architecture.
- Improved security and server availability by deploying an enhanced infrastructure to a co-location facility utilizing redundant systems with fail-over capabilities.
- Clarified product planning by authoring processes for handling enhancement requests, bug fixes, quality control testing, and software releases.
- Managed operations for local office comprised of development and customer support teams.

Keith Ford

256.337.7181

MemberClicks, Inc. – *continued*

Development Manager

- Devised a flexible solution to provide online membership directory services utilizing PHP/MySQL which evolved into our core product serving over 600 organizations comprised of nearly one million users, each with unique schemas and security issues.
- Reduced workload for Creation/Support teams by creating EDI and data management tools using Perl/Oracle.

Intergraph, Inc. 1988-1999

Senior Software Analyst Corporate Information Systems

- Ported an internal customer trouble ticket tracking system to a Web-based thin-client using ASP/SQL Server/DHTML.
- Designed a product configuration management system utilizing source code control and Web interfaces which yielded inherent product definitions, deliverable ownership and traceability, and consistent product delivery and installation.
- Integrated corporate Web with FaxBack service and dial-up bulletin board system to provide unified customer support services and improve end user self-support options, resulting in a reduced need for support resources.
- Created real-time data feeds to various departmental systems when a customer would register a product or log a problem.

Software Analyst with Microelectronics CAD Development

- Development responsibilities included working with third party vendors, specification drafting, design for integration, algorithm evaluation, documentation, and support for simulation processes.
- Specific projects included laser trim simulation and machine interfaces, screened resistor generation, testability analysis tools, wave solder flow simulation, and GUI standardization specifications and libraries.
- Researched and initiated port of CAD product from UNIX XWindows to Microsoft Windows NT.
- Created tools to assist with workstation system administration, electronic mail, and software maintenance.
- Provided information concerning Hybrid CAD database construction for NIST/NAVY project to create a standard archivable data format.

SPARTA, Inc. 1986-1988

Systems Analyst with Systems Analysis and Simulations Group

- Performed ballistic threat generation using laydown algorithms, boost phase curve fits, and post-boost vehicle bus modeling.
- Created 3D graphics for simulation of missile launch, re-entry vehicle deployment, and warhead impact using a parallel computing platform.
- Constructed libraries of routines for LAN message communication in BM/C³ experiments and machine independent GUI and graphics systems.
- Developed documentation standards for simulation user guides.

Education / Training:

- Bachelor of Science in Engineering Physics from Murray State University.
- Training for Oracle, SQL Server, Visual Basic, and Palm OS Development.
- This resume available at <http://www.webfire.com/resumes/keithford/>

References:

- Jim Wood (jwood@spiritus-inc.com) 256-539-8018
- Thomas Howard (thomas@memberclicks.com) 404-879-0016
- Sarah Maxwell (smaxwell@eller.arizona.edu) 520-626-4454