Glen R. Goodwin

Laurel, MD 20723   arei@usa.com

Experience

October 2008 to Present

User Experience Technologist/Senior Software Engineer, Vision Systems & Technology Inc., a SAS Company (VSTI), Ellicott City, Maryland
- Served as UI Team Lead and project Technical Expert actively participating in all aspects of leadership from management to architecture to mentoring.
- Design and implementation of complex, dynamic and robust user interfaces and complex visualization for customers using Node.JS, JavaScript, HTML, CSS, Groovy, Grails, Servlets, REST, Web Technology concepts.
- Regularly advised as a Full Stack Engineer on all facets of the technology stack from OS to Build/Configuration to Data services.
- Lead User Interface design and development across multiple projects.

November 2006 to October 2008

User Experience Technologist, DDK Technology Group, Chantilly, Virginia
- Designed and implemented cutting edge User Interfaces in support of federal government technology efforts leveraging HTML, CSS, Javascript, Java Servlets, JSP, XML, and XSL in an Ajax Methodology.
- Served as mentor in Web Technoloy Concepts, Ajax Methodologies, JavaScript, and Cross browser integeration efforts.
- Provided expertise and advice to multiple projects and teams throughout development life cycle to encourage Usability and User-Forward design.

November 2005 to November 2006

(Converted from Matrixx Group contractor to Mcdonald Bradley permananent employee in March 2006)

Software Engineer IV, Mcdonald Bradley, Herndon, Virginia
Software Engineer IV, Matrixx Group, Herndon, Virginia
- Designed and implemented cutting edge User Interfaces with focus on Visualization and Human Computer Interaction.
- Development of User Interface applications using Java Swing, Google Web Toolkit (GWT), Java Servlets, HTML, JavaScript, CSS, XML and XSLT.

October 2001 to October 2005

(Converted from Ajilon Consulting contractor to General Dynamics permananent employee in February 2003)

Principal Software Engineer, General Dynamics, Arlington, Virginia
Software Engineer II, *Ajilon Consulting*, Rockville, Fairfax & Arlington, Virginia
- Performed as the primary User Interface expert employing advanced Java Technologies (Swing, Servlets, JSP, JXTA, Java 2D) to architect and develop critical research applications.
- Acted as lead Java Technology Expert, mentoring other team members on Java best practices and Java related technologies.
- Championed professional design methods across all development including Look and Feel, Localization, Accessibility, Componentization, Portability and Object Oriented Design Patterns.

November 1999 to October 2001

Senior Product Engineer, *Starbase Corporation*, Alexandria, Virginia.
- Served as primary User Interface Architect implementing several core technologies using Java, Java Swing, AWT, XML, RMI and Java Servlets.
- Championed major usability changes across the entire product line including look and feel, localization, accessibility, and performance.
- Lead product wide Configuration Management and Deployment solutions, intiating formal build and release cycle.

March 1999 to November 1999

Build & Release Engineer, *Concept Five Technologies*, Burlington, Massachusetts.
- Developed technology for the installation and implementation C5's CORBA Security products on Windows and Unix platforms using Java, Ant, Perl, Javascript, and shell scripting.

September 1993 to March 1999

Computer Services Coordinator/Developer, *Northeastern University School of Law*, Boston, Massachusetts.

September 1985 to June 1987

Computer Programmer & Audio/Visual Technician, *Masconomet Regional*, Boxford, Massachusetts. Programming work in Pascal, Cobol and VAX Basic.

Computer Skills

Web Technology	Fulll Stack Engineering (OS to Client), Ajax Methodology, Web Technology concepts, Javascript, Node.JS, HTML, CSS, PrototypeJS, Scriptaculous, YUI (Yahoo Libraries), ExtJS, Scriptaculous, Adobe Flex, XML, XSLT, HTTP, Google Web Toolkit (GWT)
Java Technology	Java, Groovy, Java Swing, Abstract Windowing Toolkit (AWT), Java 2D, Grails , XML, XML DCD, XML Schema, XSLT, Java Servlets, JSP, JDBC, Java Messaging Service (JMS), RMI, Sockets, Multi-threading, Java WebStart, Object Oriented Methodologies
Other Technology	C#, SQL, Perl, Access, Pascal, C, C++, CORBA, BASIC, FORTRAN, COBOL, 80x86/68000/RISC Assembly, Unix Shell Scripting, DOS/NT Scripting
Development Tools	SublimeText, Eclipse, Symantec Visual Café, Borland JBuilder Enterprise, Eclipse IDE, Microsoft Visual Studio, Platinum Technologies Harvest, Microsoft Visual SourceSafe, Microsoft InstallShield, Git, Merant PVCS, CVS, WinCvs, Subversion, Zerog InstallAnywhere, Borland StarTeam, Perforce, Subversion
Theoretical & Strategical	Web Technology Concepts, Ajax Methodology, Object Oriented Design, Compiler Design, Network Planning, Infrastructure & Strategy, Operating System Design
Operating Systems	Microsoft Windows (7, Vista, XP, 2000, NT, 9x, ME, 3.x); UNIX/Linix (RedHat, Centos, Mint, etc), VAX/VMS, Apple Macintosh OS (pre OS X), Cygwin
Networking	TCP/IP, Microsoft Windows Networking, Banyan VINES, IPX, Ethernet
Hardware	PC Compatible, Macintosh, Switches, Routers, Bridges, Cabling
Applications	Apache Web Server, Tomcat, SOLR, ANT, James; Microsoft Internet Information Server, Access, FrontPage, Outlook, Explorer, Excel, Word, Visio; DBase; Lotus Notes, Ami Pro; Canvas; Photoshop, Photostyler; Macromedia Director, Fireworks; Cuacho Resin; Netscape Navigator, Mozilla Firefox

Education

September 1993 to June 1996	**Northeastern University**. Boston, Massachusetts. Candidate for Bachelor of Science Degree in English Literature with minors in Computer Science and Education. GPA 3.40 / 4.00
September 2003 to January 2008	**George Mason University**. Fairfax, Virginia. Candidate for Bachelor of Individualized Studies in Human Computer Interaction. GPA 3.73 / 4.00

Certifications and Memberships

Certified ScrumMaster
Brainbench Certifications (Validation available): Java, HTML 3.2
Member: Association for Computing Machinery – Human Computer Interaction

Clearances

Active Top Secret/SCI and Full Scope Polygraph
SSBI completed October 2003, renewed October 2008, renewed April 2014
SCI completed June 2006
Full Scope Polygraph completed September 2009

Other Skills

Team Management, Intermediate Graphic Design and Layout, Theater Projection (unlicensed), Basic Electronics, Audio/Visual Maintenance, Technical Writing

Design Examples

Source Code and User Interface Design Portfolio available upon request.

References

Available upon request.