Ian Goodsell

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Qualifications

Results-oriented software developer and team lead with nine years of experience developing software and managing staff in challenging, fast-paced environments. Innovative problem solver, able to see the business and technical sides of a problem due to prior experience in marketing, product management, and sales. Demonstrated ability to acquire technical knowledge and skills rapidly. Proven leadership and problem resolution abilities. Exceptional communication skills, both oral and written.

Experience

TYBRIN Corporation, Nashua, NH

Senior Software Engineer August 2007 – Present

- Developer for system currently under development for the United States Air Force Tactical Airlift Command. Developed work schedules for UI team. Wrote software requirements, created architecture diagrams, UI mockups, use cases, and other materials for design review presentation to Air Force and U.S. Government officials. One of three presenters at Air Force design review meeting.
- Review work packages created by subcontractors assisting in the development of the product.

Compuware Corporation / NuMega Lab, Nashua, NH

Software Engineer April 2003 – June 2007

- UI developer for Compuware's *DevPartner SecurityChecker*, an automated security vulnerability testing utility for ASP.NET applications. Conducted competitive analysis of main *SecurityChecker* competitors used to assess areas for improvement. Developed suite of ASP.NET web applications to benchmark performance and evaluate product strengths.
- Integrated multiple *DevPartner* products into the Visual Studio.NET development environment using packages provided to members of the Visual Studio Integration Program (VSIP). Maintained and fixed bugs on the shared VSIP integration packages used by all DevPartner products.
- Developer for *DevPartner* performance and code coverage profiling utilities. Participated in gathering of requirements, design and implementation of version 1.0 of *Performance Expert*. Developed several samples used to test a prototype application that could give customers specific actionable advice on how to improve performance of their individual application.
- Developer for *DevPartner BoundsChecker*. Created application o assist customers integrating BoundsChecker into their automated QA processes; added.NET error detection capabilities to the Call Reporting subsystem. Created and maintained build scripts for BoundsChecker 7.0-7.2.
- Co-presenter of May 2007 webcast: *A Cure for Code Quality Woes: Find the pulse of your projects*. Webcast generated over 300 leads for sales, consisting primarily of engineering managers and directors.
- Author of *Dev Emporium*, a blog which focused on the development and debugging of Windows applications.
- Key member of CMM pre-assessment team conducted in August 2005. Weaknesses discovered during the pre-assessment were addressed and lab was formally granted CMM Level 2 status in December 2005. Created and presented tutorials on the effective use of SharePoint to global CMMI team.
- Appointed to taskforce that developed work products for Compuware's global Business Continuity strategic initiative. Created documents and procedures for local managers to follow upon initiation of plan.
- Developed and deployed SharePoint site documenting procedures on how to configure a developer's system to develop and debug DevPartner products. Migrated content onto the official development Wiki.

Quality Assurance Team Lead / Engineer June 1999 – March 2003

- Led quality assurance activities for *Compuware BoundsChecker*, versions 6.5 through 7.2 (5 releases), and *Compuware Distributed Analyzer*, version 8. Managed team of three engineers and two interns. Responsible for developing test plans, scheduling work for the team, and tracking completed work through earned value. Coded numerous applications used to test *BoundsChecker*. Developed utilities to enhance *BoundsChecker* automated testing. Developed and maintained sample applications shipped with *BoundsChecker*.
- Created and deployed ASP site that allowed the Altiris test lab image deployment system to be used remotely, increasing QA engineer productivity up to 50%. Site was phased out only when Altiris added similar functionality into an upgraded version of their product.

Programming Consultant June 1998 – May 1999

- Provided email and phone support for *Compuware TrueTime* and *TrueCoverage*. Assisted customers with specific profiling problems using these tools.

NMHCC, Inc., Waltham, MA

Project Manager September 1996 – October 1997

- Planned and executed direct marketing and public relations campaigns for a series of seminars targeting managed care professionals. Managed budget for all marketing activities totaling approximately $70,000.
- Negotiated customer list exchanges with trade associations and journals, reducing marketing costs by 15%.
- Implemented coding system to track success rates of advertisements.

MBI, Inc. / The Danbury Mint, Norwalk, CT

Assistant Product Manager August 1994 – August 1996

- Product manager for a series of die-cast vehicle replicas. Responsible for developing and managing manufacturing schedule with subcontractors, development of prototypes, and new product research.
- Planned and executed numerous direct marketing campaigns. Managed and organized schedules of multiple vendors and tracked production costs to keep within planned budgets. Negotiations with vendors saved $120,000 from 1995-1996.
- Managed international freight for two MBI divisions. Assisted in negotiating 1997 freight contract which reduced annual freight costs by 15%.

Independent Contracts:

That's Neat! Organizing, Arlington, MA

Branding, Web Site Design Ongoing

- Developed complete on-line presence for a home-based professional organizing business. Work included logo creation, web site design and deployment, developing systems to capture leads, and monitoring analytics data.

Professional Development

- Joint Mission Planning System (JMPS) Developers Training, March 2008.
- .NET 3.0 Roadshow (Juval Lowy, IDesign), October 2006.
- Introducing ASP.NET 2.0 (Fritz Onion, Pluralsoft), September 2005.
- CMM Assessor Training (Software Education Institute), July 2005.
- Advanced Microsoft Project (New Horizons), July 2003.

Education

Harvard University Extension School, Cambridge, MA

Graduate Coursework in Computer Science 2001 – 2002

- Design Patterns , Distributed Application Development

Boston University (Tyngsboro Campus), Tyngsboro, MA

Coursework in Computer Science 1999 – 2001

- Graduate Coursework: Finite State Machines and Automata, Design Patterns
- Undergraduate Coursework: Discrete Mathematics, Computer Architecture, Data Structures

Boston University Corporate Education Center, Boston, MA

C / C++ / Windows Development Certificate May 1998

- 8-month program covering all facets of software development focusing on the analysis, design and development of object-oriented Windows applications using Visual C++, MFC, COM, and STL.

Drexel University, Philadelphia, PA

B.S., Business Administration June 1993

- Dual Major: Marketing / Operations Management.
- Marketing and product management co-ops: Arthur Andersen & Co.; McGettigan Corporate Planning Services.

Other Information

- United States Government Secret Security Clearance, December 2007.