

Don C. Harrington

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QUALIFICATIONS:

Multi-faceted with a consistent record of successfully delivering products and services to resolve critical business problems. Skills are drawn from a broad, rich background of more than 23 years experience in the technology field.

- ❑ Programmer and Web application developer
- ❑ Marketing/Technical Writer
- ❑ Consulting Manager
- ❑ Project Manager
- ❑ Trainer and Course developer
- ❑ QA Project Leader
- ❑ 17 years of UNIX experience
- ❑ Highly effective written and oral communication skills
- ❑ Excellent interpersonal skills

EXPERTISE:

Application and Web Application Development background:

- ❑ Java, C++, C, Visual Basic, HTML, DHTML and JavaScript
- ❑ Extensive GUI experience
- ❑ Application architecture and object-oriented analysis and design
- ❑ XML, EDI Systems Integration
- ❑ Internet application assessment and planning

Marketing/Technical Writer:

- ❑ User and Reference Guides
- ❑ Customer Success Stories, Whitepapers, and Marketing materials
- ❑ Web content

Professional Trainer/Presenter with a comfortable public speaking style and an excellent record of delivering well-received formal and informal presentations:

- ❑ Hands-on training development
- ❑ Presentation development
- ❑ Distillation of technical information for non-technical audiences

Project Manager consistently demonstrating success in sizing and delivering projects to satisfied customers:

- ❑ Hands-on management of simultaneous projects
- ❑ Skilled at reaching consensus among multiple parties
- ❑ Realistic setting of external and internal expectations
- ❑ Locating, hiring and training team members

PROFESSIONAL EXPERIENCE:

Bluetail Lizard Software & Consulting; Spokane, WA/Boulder, CO.

Owner

2/01 – Present

Wrote VB report system, user interface, and control code for aerospace autoclave company utilizing XML DOM, OPC communications and OPTO 22 hardware and software.

Created two dozen customer success stories, balancing readability with technical content:

<http://www.sybase.com/detail/1,6904,1019154,00.html> The Greenbrier Companies

<http://www.sybase.com/detail/1,6904,1017882,00.html> The Sierra Club

<http://www.sybase.com/detail/1,6904,1017887,00.html> The Health Alliance of Greater Cincinnati

Ran QA project for interactive Web-based training application. Administered Apache Web server.

Created a detailed Kenamea training outline and developed 2-way Internet messaging applications using Kenamea, HTML, and JavaScript.

Created Java applications interfacing with GPS receivers to interpret NMEA 0183 protocol.

Developed JavaServer Pages (JSP) applications. Set up Windows LAN with firewall.

bCandid/Covaleo; Boulder, CO.

Director, Consulting and Training/ Manager, Systems Integration

11/99 – 2/01

Managed the Systems Integration group for bConnected, an Internet-based B2B service used in transferring and translating common business documents between subscribed buyer/supplier trading relationships in the health care industry. Tasks included integration with existing backend accounting and ERP systems including SAP and PeopleSoft, import and export ability from procurement/billing systems in their native file formats, data negotiation, moving documents to/from the bConnected servers and translating between native formats, EDI, XML, and CBL/XML.

Visited customers and managed customer development projects. Set customer expectations.

Coordinated trading partner-specific efforts between trading partners.

Wrote technical, security, and HIPAA White Papers for the bConnected service. Authored the User Guide for bConnected's user interface tool.

Helped launch HME/DME Industry Advisory Group (IAG) for technology standards. Gave multiple presentations and led directed discussions in all IAG meetings.

Built bCandid's consulting group. Included contract development, hiring engineering/administration staff, monthly billing, bidding custom development work and setting customer expectations.

XVT Software Inc; Boulder, CO.

7/90 – 11/99

XVT was a multi-platform, portable, Graphical User Interface and windowing system company.

VP, Professional Services Group (PSG)

4/97 – 11/99

Managed the XVT Professional Services Group, a consulting and training organization providing services for XVT and non-XVT products. The consulting team consisted of internal staff and senior level external consultants. Projects ranged in duration from 3 days to 2.5 years. Trained customers and trained the trainers. Managed contractor pool.

Closed consulting deals, negotiated deliverables, wrote contracts, purchased necessary machines and software, managed ongoing projects and won follow-on business.

Internationalized US English applications to support multi-byte (Kanji) and right-to-left languages (Hebrew and Arabic). Ported XVT's toolkit to unsupported UNIX operating systems.

Sales support ranged from low-level technical discussions to translating complex technical information to non-technical audiences.

Product Manager, Flashpoint Web Application Server

2/99 – 11/99

Flashpoint was a Web application server designed for interactive and E-Commerce applications written in C/C++ for Linux and Solaris.

Created live C++ example applications for the Flashpoint Web site. Developed Flashpoint Tutorial code and documentation. Developed multi-hour technical training presentations.

Senior Consulting Engineer

1/93 – 4/97

Consulting and Programming:

50% travel. Visited approximately 70 customer sites for engagements lasting a week or more. Visits included software installation, up-to-speed training, release patching, emergency debugging for slipping deadlines, custom enhancements, creating database interfaces, building specialized GUI controls, start to finish application development and evaluating customer applications for GUI workflow and standards adherence.

BMG music company - 8 months consulting as lead developer/architect on a multithreaded, interactive, client/server, order processing application written in C++ and tied in to BMG's COBOL-based database and business rules engines. Supplied architectural design, GUI design, programming, training, release scheduling, task assignments for 5 BMG programmers. Wrote internal GUI standards documents and user guides.

Peregrine Systems – 6 months as a Peregrine consultant working between San Diego and Boulder. Configured customers using data acquired during customer interviews. Setup XVT's Customer Support group to use Peregrine ServiceCenter for all support functions.

Training:

Experienced trainer and presenter. Over the course of 6 years, taught more than 40 technical, four-day, lab-based classes on using XVT's C and C++ API development toolkits training 450-500 programmers.

Developed and taught several one-day classes to audiences ranging from 50 to 250 students.

Authored the XVT Development Solutions for C class, a four-day, hands-on training class of 15 labs and 360 slides. The labs ranged from simple GUI screens to complex graphing applications.

Prepared and presented multiple hour-long presentations on new products and development techniques at four US and three European XVT Developer Conferences.

Engineering and QA Manager

7/92 – 12/92

Managed a department of 12 engineers and 3 testers. Worked with Marketing and Sales to specify new release features and schedules for Windows/OS2, Motif (12 Unix platforms), Macintosh, and Character Window product groups.

Maintained product schedules and master Engineering department schedule. Coordinated documentation development with Technical Writing department. Developed annual Engineering department budget. Hired new engineers and administered annual performance reviews.

Manager Motif and Macintosh Groups

6/91 – 7/92

Managed Motif programmers, a Macintosh programmer and the Motif and Macintosh test team.

Directed the engineering process of code development, code maintenance, testing cycles and documentation of new releases. Developed Motif C code.

Motif Technical Lead

11/90 – 6/91

Developed X/Motif code, specified new GUI releases and managed a team of Motif programmers. Ported XVT toolkit to new and upgraded UNIX operating systems.

Motif Programmer

7/90 – 11/90

Developed and debugged X/Motif code for the XVT Portability Toolkit. Ported XVT Motif toolkit to IBM AIX and VMS operating systems.

Represented XVT's interests at Portable GUI Standards Committee meeting in Seattle, WA. Involved in rotating customer support role.

Daisy/Cadnetix; Boulder, CO.

Senior Engineer R&D Systems

7/89 – 7/90

Specified and designed a workflow Framework package. Wrote an application to query DAISY design objects from the CADNETIX Worksurface. Developed 3rd party package integration programs using C++.

Auto-trol Technology; Denver, CO. Senior Engineer R&D 5/85 – 6/89

Product author of G3 NETSmart, a 3D network connectivity and asset management application written in LISP and C. NETSmart implemented menu-driven database schema definition and queries. NETSmart represented the network through intelligent schematic and floorplan drawings. Developed Empress database applications in C.

TRICAD Inc.; Milpitas, CA. Senior Applications Programmer 12/83 – 4/85

On-site consultant and trainer to the U.S. Army Communications Command at Fort Huachuca, AZ. Co-developer of a productized 3D CAD application to fully automate telephony and microwave communications station design. The application printed drawings and extracted a final Bill Of Materials from the database and was written using a graphical, object-oriented database utilizing intelligent schematic, floorplan and vertical elevation drawings. Trained the system users. Created VAX-RMS relational database applications written in C to manage a large parts database including reporting and queries.

Creative Visual Software; Fremont, CA. Consultant (Part-time) 6/82 – 11/83

Wrote graphic utilities for use with the Replicore 3D geometric modeling package. Designed script-driven movie animation package to interpolate complex model transformations. Developed GUI.

Calma Company; Santa Clara, CA. Programmer/Analyst R&D 6/81 – 10/83

Coded and maintained portions of the CalmaNet LAN product, a high-speed communications software package used to connect VAX, Apollo and Data General computers. Wrote C applications to grant and monitor user privileges and network usage. Designed and enhanced various real-time, multitasking network utilities. Ported CalmaNet to the Apollo computer. Programmer for Calma's interactive geographic mapping product, CGI.

Laser Lab Branch; Kirtland AFB, NM. Graphics Programmer 1/80 – 2/81

Wrote applications for CRAY I computer to create animated movies modeling gas flows in high-energy chemical laser cavities. Programs included 35mm stereo picture generation capability for 3D viewing.

Education:

University of New Mexico – 1980 BA in Psychology with emphasis on hypnosis and perception. Computer Science background includes Artificial Intelligence and Computer Graphics. Other areas of study included Biology, Geology, and History.

Systems:

Solaris, Linux, SunOS, HP-HPUX, RS6000-AIX, Digital Unix, SGI-IRIX, NCR, UnixWare, Win 2000, Win NT, Win-98, Win-95, Macintosh, Win 3.1, SCO, VMS, OS/2

Languages:

C++, C, PowerBuilder, Java, [JavaScript](#), [PHP](#), XML, XHTML, HTML, Visual Basic, Pascal, Fortran, Basic, LISP, CCL, DGL

Technologies:

Web Application Servers, Apache, Tomcat, JSP, ASP, OODB, [MySQL](#), Empress, Access, RMS, Flashpoint Web Server, OPTO 22 FactoryFloor

Tools:

Visual Studio.NET, MSVC++, GNU C++, Forte, FrameMaker, MSWord, Excel, PowerPoint, MS Project, Outlook, MS Visio, FrontPage, Netscape Composer, Adobe PhotoShop, Corel Photo-Paint

Web Design:

www.BluetailLizard.com