

Steve Hansen

U.S. Citizen

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SUMMARY OF QUALIFICATIONS

Steve is an experienced project manager, software architect, object-oriented analyst and designer, software developer and consultant. His background extends through workflow and business process modeling systems; Siebel customer relationship manager; XML and XSLT; Oracle, SQL Server and other database systems; C++ and Java languages; web-based software development, messaging and networking. He is experienced in the full range of Linux, Unix and Windows-based systems.

PROFESSIONAL HISTORY

2005 -
Present

Position Title: Project Manager

Company: Alfa Consult, 142-144 rue Albert Unden, L-2652 Luxembourg

- Project manager for development of a Siebel-based customer relationship management (CRM) systems for Iraq's National Communication and Media Commission (NCMC) and the Iraq Telephone and Post Commission (ITPC)
 - Management of team of 10 internal and external CRM developers
 - Requirements definition and writing
 - Development and delivery of training classes for CRM Iraqi users
 - Development of administration manuals and users guides
 - Siebel and Oracle database development
- Project manager for development of wireless and DSL broadband internet service provider (www.skycom-iq.com) project featuring WiMAX technology
 - Management of team of 15 internal and external developers
 - Management of development of billing and AAA (authentication, authorization and accounting) system
 - Defined selection criteria and managed product evaluations for
 - Billing systems
 - Email systems
 - WiMAX products
 - Management of development of web portal for SkyCom internet services
 - Coordinated laboratory development and live testing events of integrated WiMAX service in Luxembourg
 - Coordination and writing of user's guide, administration manual and programmer's documentation
 - Training by ATDI in operation of ICS Telecom NG network design tool (May 2007)

2005 -
Present

Position Title: Owner

Company: Fairhaven IT, Bellingham, WA

- Terrain evaluator software for Chinook Wind
 - Performed several runs with existing R/Excel/SQL Server system

- Converted the evaluator to use a MySQL database
- Improved error catching, improved the tool's workflow
- Wrote documentation for installing all components and using the tool
- Partner in GoTakeOff building materials program
 - SQL Server database development and maintenance
 - Enhancement and maintenance of ASP-based web software for calculating materials needed for a new house construction or an addition
 - See www.gotakeoff.com

2004 -
2005

Position Title: XVT Project Lead

Company: Providence Software, 1143 Executive Circle, Cary, NC 27511

- Project leader for release 5.6 of the XVT cross-platform graphical interface product line for C/C++/Java (www.xvt.com)

2002 -
2004

Position Title: Software Architect

Company: RDMA, S.A., Luxembourg

- Development of a peer-to-peer knowledge and document management system, written in Java
- Consultant in Java, C++ and Oracle database development for search engine of European Union's Community Research and Development Information Service. (It can be viewed at www.cordis.lu)

2001 -
2002

Position Title: Senior Software Engineer

Company: Alfa Consult, 142-144 rue Albert Unden, L-2652 Luxembourg

- Lead developer for version 2 of Alfa Consult's Java channel/adaptor-based Business Information Systems (BIS) framework
- Designed and implemented multi-threaded asynchronous processing support for the BIS framework
- Designed and implemented a transaction-based guaranteed messaging infrastructure component using BIS channels and a Tibco RVTX adapter
- Designed and implemented XSLT Java code generation of BIS framework application extensions from XML configuration
- Wrote documentation for the BIS framework

2000 -
2001

Position Title: Senior Software Consultant

Company: Dokken Software Inc., 100 N. 27th St., Suite 250, Billings, MT 59101

- Developed a requirements specification for the implementation of a Business Process Management System (BPMS) for a business collaboration product, for bConnectedSoftware, Inc.
- Designed and developed an object-to-relational backflow server for a next-generation railway control system. (C++, Oracle, Versant ODBMS)
- Participated in design and development of a proof-of-concept prototype for DSI's business workflow toolkit, under a Phase I SBIR award from NIST, specializing in Enterprise Java Bean (EJB) development (Java, EJB)

- 2000 **Position Title: Senior Software Engineer**
Company: Genomica Corporation, 1745 38th St., Boulder, CO 80301
- Participated as a Java developer in the development of reference database software systems serving human genome project scientific researchers, using JDBC/SQLJ and Oracle
 - Participated in the design and prototype implementation of an EJB-based API for accessing the database. Investigated using EJB/JSP within the API framework
- 1999 - **Position Title: Senior Software Engineer**
2000 **Company: bCandid Corp., 2465 Central Ave., Suite 210, Boulder, CO 80301**
- Developed web-based B2B e-commerce solutions using Java, JDBC, Oracle 8i, Perl, XML
 - Developed web-based Usenet discussion software, using Java, C++, JDBC, Perl, and XML
- 1993 - **Position Title: Senior Consulting Engineer**
1999 **Company: RogueWave Software, 5500 Flatiron Pkwy, Boulder, CO 80301**
- Redesigned and developed loan risk analysis applications for Bank of America, San Francisco (Sybase)
 - Designed and developed a multi-threaded business event monitoring system, analyzing Oracle data for Cedel investment bank, Luxembourg
 - Upgraded Chase Manhattan banking applications as an architecture team member in a 10-person application infrastructure group (CORBA)
 - Served as team leader on sub-contract to design and develop Internet and Oracle-based news search engine
 - Served as project manager, lead designer and lead engineer on 10-person, 2 1/2 year project developing computer-aided design and manufacturing application used to control printed circuit board manufacturing equipment for Fuji Machine America
 - Completed consulting engineering assignments, which included troubleshooting, architecture, and custom object-oriented design and C++ class development as well as on-site formal and informal training. Customers included Northern Telecom, National Semiconductor, EDS, Lawrence Livermore Labs, Dun & Bradstreet, Chase Manhattan, Motorola, Netscape, and Lucent
 - Taught C++, DBTools.h++, and Threads.h++ product training courses
- 1989 - **Independent Software Consultant, Auburn, Washington**
1993
- Developed a Petri Net modeling system in a U.S. Navy SBIR Phase II project as part of a consulting engagement with Software Consultants International, Ltd., Kent, Washington.
 - Developed a cooling tower plume modeling application as part of a consulting engagement with Envirometrics, Seattle, Washington
 - Developed and taught C and C++ language courses. Customers included IBM, U.S. Navy, Canadian Air Force.
 - Taught C programming courses at Bellevue, Washington Community College.

- 1988 - **Data Comm Group Lead, North American Morpho Systems, Inc., Tacoma, WA**
1989
 - Data communications group lead for a fingerprint id system software company
- 1982 - **Member of Technical Staff, Bell Laboratories, Holmdel, NJ**
1989
 - Designed and optimized algorithms for private telecommunications networks.
 - Systems Engineer for digital telecomm services

EDUCATION

- 1982 **Master of Science in Applied Mathematics**
University of Colorado: Boulder, CO
- 1980 **Bachelor of Arts in Mathematics**
University of Colorado: Boulder, CO

VETERAN STATUS

- 1972-1976 Honorable Discharge, U.S. Navy