CONSULTANT

Summary

Master's degree in Computer Science with twenty-five years of experience designing, implementing, and maintaining computer programs, architectures, and operating systems. Expert in C, C++, Java, SQL and with web based applications. Over ten years' experience teaching as adjunct or full time faculty while running a consulting firm.

Highlights

- Proficient in HTML
- SQL expert
- Analytical
- Self-starter
- JavaScript expert
- C, C++, Java expert

Accomplishments

- Awarded United States Patent Number 5,758,052 in May 1998 for Network Management Method Using Redundant Control Processors
- Awarded United States Patent Number 5,491,791 in February 1996 for System and Method for Remote Workstation Monitoring Within a Distributed Computing Environment
- Deans Scholarship at the University of Pittsburgh towards Ph.D. degree, May 1989 - May 1990
- Teaching Assistant at the University of Pittsburgh, Operating Systems, August 1989

Experience

Consultant

January 2002 to Current Company Name ï¼ City , State Currently running a business doing general programming and web development. The majority of the work is server side programming using either ASP or PHP with SQL. Recent contracts included a PHP project using MySQL for a ticket broker with 1500 websites. Another was doing business analysis programming using SQL Server, C#, .NET, AJAX, and HTML for a global law firm.

Senior Operations Programmer

January 2001 to January 2002 Company Name ï¼ City , State Operations programmer responsible for programming card access systems. The programming included enhancements to the Casi-Rusco Picture Perfect system. Responsibilities were to write C and SQL code to enhance the capabilities of Picture Perfect. Maintained a Red Hat Linux 7.1 server for development purposes. Wrote PHP code to generate reports from a MySQL database.

Programming Manager & Systems Analyst

November 1999 to January 2001 Company Name ï¼ City , State Programming manager for a distance learning web based business. Responsibilities included managing the programming department and the programming for a virtual classroom. The classroom was created using Director with parts including ASP, HTML, Flash, Quicktime and VB.

IS Manager

July 1999 to November 1999 Company Name ï¼ City , State Programming manager for a web based business. Responsibilities included managing programmers and IT professionals and maintaining the front and back ends of an Internet based business. Programming was done in VB, Delphi and JavaScript.

Systems Analyst - Department Manager

November 1998 to July 1999 Company Name ï¼ City , State Systems Analyst for a large Internet based automated time clock project. Responsibilities included troubleshooting, interface set-ups with other vendors and new account set-ups. Managed the whole department while the director was not available. Languages used in this position were Java, C++, VB, SQL, FoxPro and HTML. Databases used were Oracle and btrieve.

Senior Systems Developer

October 1997 to October 1998 Company Name ï¼ City , State Software engineer for an inventory control group in a large project. Product was developed in a Windows and a UNIX environment, with the final product to be delivered under UNIX. Code was developed in C using dynamic SQL on an Oracle database. Duties included coordinating with off-shore programmers, unit testing, sub-system testing, development and performance tuning. Tools were written in VB on a Windows system.

Computer Consultant

April 1994 to September 1997 Company Name ï¼ City , State Developed a Lotus 123 project to manage resources for the project management team. GE Capital Stamford, CT Maintained and enhanced C programs supporting a client/server collections application. Provided 24 hour customer support for the application as well. IBM Corporation Fishkill, NY Maintained previously existing code written in Lotus 123. Oversaw the delivery of code using TCP/IP and worked on IBM's Financial Data Warehouse's Internet pages. Provided general PC customer support to IBM management. IBM Corporation Southbury, CT Designed and implemented an OS/2 DB2/2 interface for all SQL in a VX-REXX application. IBM Corporation Fishkill, NY Designed and implemented an OS/2 Presentation Manager program in C to capture real-time scientific data from an IBM mainframe assembly line producing computer wafers. The data was captured from the serial port of a piece of equipment monitoring wafer qualify. Graphs were then drawn using the OS/2 PM GPI commands. Spent some time learning GPF as a tool for code development. Self-Employed New Hyde Park, NY Designed and implemented modifications to a dBase program to customize it for a client.

Senior Associate Programmer

January 1990 to March 1994 Company Name ï¼ City , State and Poughkeepsie, NY Systems Test Lead and OS/2 developer for a large OS/2 project written in C to manage the TPF operating system. This included extensive Presentation Manager and Database Manager knowledge. This was a LAN based system and some communications programming was included. Also did some 370 Assembler programming for the TPF operating system. Additional Programming January 1979 - July 1984 Defense Industry Programmed for defense contractors in Virginia, Maryland and New York mostly using the UNIX operating system, with C, Extended Basic and Fortran. This work was mostly classified; some was real-time analysis for submarine warfare. One 2-year project was mapping for the Defense Mapping Agency.

Education

Master of Science : Computer Science , 1989 University of Pittsburgh University of Pittsburgh, Master of Science in Computer Science, 1989, GPA: 3.75 Courses included: Compilers, Computer Architecture. Operating Systems, Algorithm Design and Analysis, Computational Geometry, Information Processing, Database Design, Digital Design, Graphics and Microcomputers. Almost all of this work was done using the UNIX operating system.

Bachelor of Arts : Computer Science , 1978 State University of New York, College at Potsdam State University of New York, College at Potsdam, Bachelor of Arts in Computer Science, 1978 Studies included: Languages, Top Down Structured Programming, Systems Programming and Operating systems.

Skills

Sql, Html, Asp, Mysql, Php, .net, Ajax, Business Analysis, C#, Contracts, Ms Sql Server, Sql Server, Os/2, Real-time, Database, Unix, Associate, Defense Industry, Fortran, Lan, Mapping, Test Lead, Topo, Tpf, Assembly, Assembly Line, Client/server, Collections, Credit, Customer Support, Db2, Dbase, General Pc, Ibm Mainframe, Mainframe, Project Management, Rexx, Tcp, Tcp/ip, Wafer, Systems Analyst, Oracle, Web Based, Flash, Engineer, Inventory, Inventory Control, Performance Tuning, Software Engineer, System Testing, Testing, Unit Testing, Access, Casi-rusco, Linux, Operations, Red Hat, Btrieve, C++, Databases, Foxpro, Java, New Account, Ups, Adult Learning, Apache, Back End, Clients, Computer Programming, Database Management, Dod, Government Contracting, Instructor, Mentor, Pascal, Patent, Security, Software Development, Structured Software, Systems Analysis, Teaching, Visual Basic, Web Server, Delphi, Javascript, Algorithm, Architecture, Database Design, Digital Design, Systems Programming