

JAY A. JOLICOEUR

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EDUCATION:

Holy Cross College, Worcester, MA - Bachelor of Arts in Fine Arts, 1979.

Member: Association for Computing Machinery, Microsoft Developer Network.

TECHNICAL SUMMARY:

Hardware Platforms:

Intel Based PC's; IBM Mainframes; DEC VAX; Apple PC's; IBM RS6000

Languages:

C/C++ since 1980, includes Microsoft Visual C++, MFC and GNU C.
Visual Basic since 1992, includes 3.0, 4.0, 5.0
Borland Delphi since 1994, includes Delphi 5.0
Web Design since 1995, includes HTML, DHTML, XML, Perl, CGI, ASP, JavaScript, VBScript, ISAPI, ActiveX, Apache Server, Microsoft IIS, Netscape Communicator, Broadvision.
Borland C++ Builder since 1996
Java since 1998, includes Borland J Builder
COBOL since 1979, includes the following vendors:
AcuCorp, RMCOBOL, Realia, MBP, Micro Focus, IBM, Wang

Data Bases/Other

Oracle, Informix, DL/1, Dbase, Access, Btrieve, ODBC, MS/SQL 2000
Paint Shop Pro, PhotoShop, Homesite, Coldfusion
Visual InterDev, Object Oriented Design

Operating Systems/Environments:

Unix since 1979, includes the following variations:
SVR4, SCO (Unix & Xenix), IBM AIX, HP/UX, DG/UX, Linux
Microsoft Operating Systems
since 1983, includes PC Based DOS, Windows (original release), Windows 3.1, Windows for Workgroups 3.11, Windows 95/98, Windows NT 4.0 (Workstation & Server), Windows 2000 (Professional & Server)

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CONSULTING HISTORY:

June 2001 - Present

Component Assembly Systems, Inc., Pelham, NY

Developing web interface applications to access C/F Data Systems data and applications via web browsers in a client/server environment. Using ADO to access data on Linux server from a Windows 2000 web server.

Technologies Used: Visual C/C++, Windows 2000/98, Linux, HTML, ASP, VBScript, JavaScript, Microsoft IIS Administration, Visual InterDev, Visual Sourcesafe.

February 2001 – June 2001

Computer Science Corporation, Cambridge, MA

Developed client/server applications using Borland Delphi 5.0 and Oracle for the Department of Transportation.

Technologies Used: Delphi, Visual C/C++, Java, Windows NT/98, Oracle, HTML, ASP, CGI, VBScript, ISAPI, Microsoft IIS Administration, Homesite.

November 2000 – May 2001

Century 21 Web Works, Sommerville, MA

Part of a team contracted to redesign and modernize Century 21's web sites and create several new business web requirements. Includes converting Oracle stored procedures to MS/SQL stored procedures, optimizing the data base, converting JSP and proprietary components to ASP, VBScript and ADO.

Created several multi-threaded ActiveX components using Visual C++ and incorporating COM and ATL. These components performed such tasks as interfacing the web sites with Mapquest to display property and office map locations; performing property radius searches using latitude/longitude coordinates. C++ programs created to retrieve latitude/longitude coordinates from Mapquest for property radius searches; generate email aliases from an Oracle database and FTP to Unix system for Sendmail.

Technologies used: Technologies used include: HTML, ASP, ADO DHTML, MS/SQL 7.0, JavaScript, VBScript, Visual InterDev, Visual Source Safe.

June 2000 – November 2000

Cendant Internet Engineering, Cambridge, MA

Part of a team contracted to redesign and modernize several of Cendant's sites, including [Move.com](#), [Howard Johnson](#), [Days Inn](#), and [Century 21](#). Included supplying enhanced web site architectures and back-end solutions based upon a Windows 2000 solution using Microsoft Transaction Server, Oracle 8 and Active Server Pages.

Also included using Cendant's proprietary web engine and Broadvision.

Technologies used: Technologies used include: HTML, ASP, ADO DHTML, Oracle, Sun, JavaScript, VBScript, Perl, Broadvision, ISAPI.

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April 1999 – June 2000

TRI-STAR PLASTICS CORP., Shrewsbury, MA

Upgraded current business software written by Switchback. Created applications running over a client/server environment including Windows workstations with Linux server. Company has three locations, including 2 out of state - out of state offices connecting using frame-relay and Windows Terminal Server. Windows client software written using Delphi 5.0 and Visual C++. Server applications written using AcuCorp's AcuCOBOL, Linux bash shell scripting, and GNU C.

Technologies used: Delphi, Visual C/C++, COBOL, Linux, Windows NT/98, Homesite, ODBC, HTML, ASP, JavaScript, ISAPI.

January 1999 – April 1999

Computer Science Corporation, Cambridge, MA

Developed client/server applications using Borland Delphi 4.0 and Oracle for the Department of Transportation.

Web Design. Developed Web server software using Delphi 4.0, ASP, Java (Borland J Builder 2.0), and HTML to make data available via the Internet. The web site retrieves data and dynamically creates web pages based on selection criteria.

Technologies Used: Delphi, Visual C/C++, Java, Windows NT/98, Oracle, HTML, ASP, CGI, VBScript, ISAPI, Microsoft IIS Administration, Homesite.

March 1997 - September 1998

C/F Data Systems Inc., Weymouth, MA

Designed and created applications to integrate COBOL applications with Windows graphical interface. Used AcuCOBOL GT 3.2 product along with Borland C++ Builder 3.0 and Microsoft Visual Studio 97 (C++), replaced over 100 text based input screens with graphical forms and compiled them as a single DLL. The COBOL applications still performed much of the calculations and file processing, calling the DLL for screen input. Also, created a file server using Visual C++ to allow the GUI programs to access the AcuCOBOL files.

Compiled several utilities into a DLL to give the COBOL programs Windows printing capability (e.g. using the Windows print drivers), and memory management.

Technologies used: Visual C/C++, C++ Builder, COBOL, Windows NT/95, SCO Unix.

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June 1984 – June 2000

TRI-STAR PLASTICS CORP., Shrewsbury, MA

Created Estimating module using Delphi 4.0 to interface to MS SQL Sever and Access data in applications from Scala Systems.

Support of network consisting of 40+ users in 3 states.

Setup company on the Internet. Installed TCP/IP, setup Domain Name, Class C IP Addresses, Domain name service, and World Wide Web server. Also created initial web site.

Wrote a complete suite of accounting and business applications used by the company from 1984 thru present. These include AR, AP, GL, Order Processing, Purchase Order, and Plastics Materials Inventory. This unique inventory system allows full sized material such as sheets and rods to be cut and partial pieces to be put back into inventory using the materials' dimensions as the tracking mechanism. Merged the customer information with Informix tables in On-Contact contact management software to form a common company data base.

Technologies used: Visual C/C++, GNU C, COBOL, IBM AIX, Windows NT/95, Informix, HTML, ASP, CGI, JavsScript.

November 1994 - September 1995

IBM CORPORATION/STOP & SHOP, Quincy, MA

Assisted with migration of store support environment from Wang VS to RS6000 AIX 3.2.5. Created maintenance scripts and setup AIX environments. Assisted with application conversion from Wang COBOL to Microfocus COBOL. Created new operator, administrator, help desk, and user menu interfaces.

Technologies used: COBOL, C, IBM AIX, TCP Sockets.

October 1993 - December 1993

DUN & BRADSTREET SOFTWARE, Framingham, MA

Supported the migration of Millennium Fixed Assets & Capital Planning software and data from IBM mainframe environment to Unix platforms (HP/UX, DG/UX). Trained developers on Unix environment and developed Unix shell scripts to replace IBM JCL for batch processing. Created several scripts to download COBOL source code from the mainframe, identify compiler differences, and compile on the Unix systems.

Technologies used: COBOL, HP/UX, IBM MVS, Windows 3.11.

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February 1992 - June 1994

AGENCY MANAGEMENT SERVICES, Norwell, MA

Principle designer and developer for conversion of DOS Billing modules to the Windows environment, using a combination of Microsoft C, and Visual Basic. Created 'C' routines to provide an interface between the btrieve file server, the Visual Basic user interface, and the Microfocus COBOL DLL. Also created Visual Basic custom controls.

Developed several system wide utilities including a printer interface that allows selection of printing a report, viewing the report after processing, or archiving the report to a file; a btrieve interface utility that manages several files like a data base by using common access parameters; also wrote a common error handling routine.

Technologies used: Visual Basic, Visual C/C++, COBOL, Windows NT/3.11, Dbase.

April 1988 - March 1989

SMALL BUSINESS SERVICE BUREAU, Worcester, MA

Assisted with conversion of sales support software running on Tops 20 computer to DEC Micro VAX II and Novell network of PCs. DEC COBOL converted to Realia COBOL.

May 1983 - Present

SWITCHBACK, INC., Holden, MA

Company of which I am President and Principal Consultant.

Created several custom software packages for Accounting, Order Processing, Inventory, Production Control, and Warehousing. Also, Time Clock software with barcoding, and Service Scheduling

Created a desktop management program called SwitchSuite? using Delphi and Visual C++. Includes complete email capability, calendar, events scheduler, to do list, and contact manager.

Developed Service Scheduling software for pest control companies. Maintains schedules of services for technicians based on location, availability, and length of each service. Produces job tickets for billing with auto-update to Accounts Receivable and General Ledger. Maintains history of all services and disposition with retrieval by technician, salesperson, and customer. Generates sales, commission, history, and period comparison reports. Written for Unix and Windows.

Provide Internet and Intranet support and administration for several companies using Linux as well as NT servers.

Technologies used: All the above listed under Technical Summary on an ongoing basis.

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EMPLOYMENT HISTORY:

Technologies used: IBM MVS, COBOL, Easytrieve, Dbase, DL/1, VSAM, CICS.

May 1981 - June 1987

Includes:

HANOVER INSURANCE COMPANY, Worcester, MA

Position: Senior Systems Analyst

WRIGHT LINE, INC., Worcester, MA

Position: Data Base Analyst and Systems Analyst

CULLINAN ENGINEERING COMPANY, INC, Auburn, MA

Position: Data Systems Manager

RADIO SHACK (TANDY CORPORATION), Worcester, MA

Position: Marketing Manager & Educator

REFERENCES

Provided upon request.

UPDATED: August 2001