

# Joseph B. Bradshaw

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## TECHNOLOGY SUMMARY

C#, Java, C/C++, C, VB.NET, C/Side, Visual Studio.NET, MFC, STL, Dynamics NAV, Navision, Web Services, JavaScript, Shell programming, batch scripting, HTML, XML, CSS, JCreator, NetBeans, PL/SQL, MS Access, WinNT LAN/WAN, DBMS ODBC and BDE Connectivity, TCP/IP, Former MCSE, Bash, Korn Shell, RedHat Linux, Oracle 10g, Wise Installer, AWK, Rebol, FORTRAN, ObjectPal, Delphi 4.0, eBizIntegrator 3.6, IBM MQSI v2.0.2, MQSeries Integrator, e-Biz Integrator v2.1, IBM MQSeries v5.2, Convoy/DM, UNIX, HP-UX, Solaris, AIX, Campbell Scientific Instruments, X connectivity with Exceed.

## WORK EXPERIENCE

### **Solution Developer, Business Systems Solutions; Camarillo, CA**

**Dec 2005 to Feb 2009**

Developed Microsoft Dynamics NAV (Navision) solutions.

- Maintained and developed parts of a one-click drop-shipment application that used EDI 850/860 documents.
- Wrote dataports, setup database and, performed go-live, initial training for a 5.0 installation.
- Wrote setup reports and dataports that created historical information with balanced ledgers.
- Created custom .NET libraries for NAV including one that accessed a web service.
- Setup a payroll system including controls with custom method steps.
- Integrated tracking numbers from DHL shipping software with NAV and customized Lanham E-Ship.
- Used and customized add-on features including Serenic Payroll and Business Notifications.
- Added functionality to forms and reports with direction from an experienced NAV developer.

### **Operations Support Technician, Davis Research LLC.; Calabasas, CA**

**May 2004 to Aug 2005**

Developed software and solved technology problems at a small market research company.

- Developed voice sensitive software that detected subject response time to the 10s of milliseconds.
- Developed C# application to automate employee productivity tracking and scheduling.
- Developed and deployed VB application for phone call recording that used ADO to connect to Access.
- Modified ASP.NET website and Web Service to integrate with applications and eliminate a fax based system.
- Set up Linux server for Subversion, a high quality SSH-based version control software.
- Wrote Bash scripts and Perl programs for administrative purposes on Linux servers.
- Configured a Centerpoint TalkSwitch 24 to save hundreds of dollars spent on phone lines for car clinics.
- Troubleshooting of HP MPE connectivity with WYSE terminals and WRQ Reflection.
- Troubleshooting of Fujitsu handheld 500s and 2300s including In2quest connectivity.

### **Graduate Assistant, California Lutheran University; Thousand Oaks, CA**

**Feb 2004 to Aug 2005**

Graded papers and answered student questions.

- Investigated stock market time series prediction with neural networks and MATLAB.
- Graded Access and Oracle database homework, proctored exam and answered student database questions.
- Lectured on database normalization, IDEF1X diagrams and, Oracle utilities using my own teaching aids.
- Wrote Oracle PL/SQL including triggers to teach class about SQL and practical normalization.

### **Support Technician, California Lutheran University; Thousand Oaks, CA**

**Aug 2003 to Apr 2004**

Solved hardware and software problems at a small university.

- Installed and fixed various types of hardware and software for PC users.
- Answered phone at the help desk for over 1000 students and faculty.
- Multicasted Ghost images for rapid system deployment, including data transfer from old systems.
- Followed inventory, dorm install and, software licensing procedures.
- Troubleshooting of hardware driver problems, viruses, spyware and software error messages.

**Software Engineer, Sybase Inc.; Dublin, CA****Sept 1997 to Mar 2002**

Advanced from LAN administration to software development in EAI software producing companies

- Developed Adapter for Flat Files v3.9 using C++, including I18N efforts.
- Developed Adapter for Flat Files GUI prototype using HTML and JavaScript.
- Wrote utility against MQSeries API using C++ to test MQMD header support.
- Received Friend of QE Award.

**Software Engineer II** Aug.1999 – Mar. 2001- 2 yrs for New Era of Networks Inc. before Sybase Purchase

- Project Lead for Adapter for Flat Files v3.1 from inception to delivery.
- Lead team of two other engineers in C++ BuySite Adapter refurbishing project.
- Presented Oracle Adapter at TechFest and Flat Files Adapter at New Era of Networks TechWave.
- Created Commerce One/Oracle Accelerator using e-Biz Integrator 2.1 and MQ Series 5.1.
- Installed and configured various databases, integration brokers and middleware for QA.
- Installed test versions of Oracle Financials 11i, Commerce One and clustered MQSeries.
- Created example shell scripts and batch files to shorten QA testing cycle.
- Responsible for demonstrations of company software to two customers and one vendor.
- Tested with DB2 database on AS/400.
- Duplicated customer problems with HP-UX version of Adapter for Oracle Applications.
- Used adapters for JD Edwards, SAP, Oracle Applications and Commerce One.
- Used formal methodology for C++ software development to enhance coordination between other groups in efforts to deliver software on Windows NT and three UNIX platforms.
- Received Pacheco Star Employee Award.

**Systems Engineer** Sept. 1997 – Aug. 1999 - 2 yrs for Convoy Inc., before purchased by New Era of Networks

- Supported WinNT LAN and answered help-desk questions for employees of EAI software producer including questions about company software.
- Promoted from LAN administration to Delphi Object Pascal development group.
- Played an essential role in Vantive, Citrix MetaFrame, Exchange Server and 10.X network implementations.
- Configured ODBC Drivers for various databases to run SQR programs and issue SQL queries.
- Showed commitment and made a difference during user conferences and training sessions.
- Received coveted Most Valuable Employee Award.

**Assistant Engineer, Augustyn & Company; Berkeley, CA****May 1995 to Nov 1996**

Aided Consulting Engineers with projects including instrument calibrations

- Wrote calibration program using ObjectPal code with Paradox.
- Analyzed data according to solar energy industry standards with Paradox, Axum and AWK.

**Lab Assistant, Berkeley Lab; Berkeley, CA****Aug 1994 to Dec 1994**

Worked under the instruction of Professor Cairns, professor in the College of Chemistry at U.C. Berkeley

- Independently measured the conductivities of electrolytes, slated for use in electric vehicles, at low temperatures.
- Showed how data correlation compared with theory.

**Education & Training**

Bachelor of Science Chemical Engineering, University of California at Berkeley, 1995

Sun Certified Programmer for Java 2, former MCSE, Engineer in Training.

NAV Financials, C/Side I and II.

*References available.*