

Doug Davies

- Objective** Work in an environment where my expertise in J2EE technologies, database interfacing, user-interface design, and large real-time systems can contribute to developing scalable and easily maintainable applications.
- Technologies** Java, JSP, Servlets, JDBC, J2EE, JMS, JNI, C++, Win32, MFC, COM, WebLogic Integration, MySQL, Sybase, XML, XSL, Tomcat, Apache, ANT, CVS, SVN
- Experience** 1995–current Compuserve/America Online Columbus, OH
- Principal Software Engineer**
- Investigated and recommended architectural changes for International Portal Feed System. Explored Spring, Maven, Merve, Selenium, Eclipse, and SVN.
 - Designed and implemented several new backend systems for the Netscape ISP. All systems used J2EE Technologies, Servlets, Tomcat, JDBC, MySQL, ANT, and CVS in addition to specified technologies.
 - Client Event Server – Allowed dialup client to register a socket end-point and receive unsolicited server-side posted messages. Supported over 30,000 simultaneous users. Also used JMS, Java Sockets.
 - Dynamic Client Update – Provided dialup client the ability to auto-upgrade to a new version of the software as well as providing tracking of in-use client versions.
 - Session Management – Initiated dialup client session, authenticated user, and redirected to home page. Also used JSP, Oracle DB.
 - Drafted design document and built thin dialup client using Microsoft Visual Studio 2003 C++ and COM.
 - Interviewed potential client developers for project.
 - Led 3 developers on implementing design.
 - Engineered Online Broadband Ordering and Provisioning System using Java, JSP, Sybase Stored Procedures, XML Parsing, and B2B interfacing (Go2Broadband).
 - Used Weblogic Integration for provisioning engine flow.
 - Interfaced with legacy systems by wrapping existing libraries with JNI.
 - Overhauled Compuserve Forums based on Windows NT using Visual C++, Win32 SDK/MFC, MS/SQL, POET Object Oriented Database, RPC. Responsible for on-call support using in-house tools, ResKit, ServerManager, RegEdit, and other remote tools.
- 1995-1995 Eaton IDT Westerville, OH
- Software Engineer**
- Developed configuration editor for Industrial Control Devices using Visual C++ and MFC.

1987–1995 WordPerfect/Novell Orem, UT

Software Developer

- Programmed various user interface components for WordPerfect Word Processor. 3.5 years with Apple II group, 1 year as manager. 2 years with NeXT group using Objective C and interface tools. 2 years with Windows 32-bit group using NT and Windows95, Visual C++, and MFC.

1984–1987 Brigham Young University Provo, UT

Supervisor/Lab Assistant

- Supervised TA's, set up 3 labs, hiring, and scheduling.
- Taught classes in Assembly and Pascal.

Education

1984–1987 Brigham Young University Provo, UT

- B.S., Computer Science.
- Courses: Two and Three Dimensional Graphics, Compiler Theory, Operating System Design, Database Systems, Software Testing, Digital Logical Design, Programming Languages, Information Structures, Computer Architecture.
- Honors and Activities: GPA = 3.2/4.0, Recipient "Y" Scholarship

Interests

Computer Programming, Internet, Animation, Guitar, Music, Architecture, Video Games, Movies, Science Fiction, Biking, Hiking.

References

Available upon request.