

Resume
Nolan W. Whitaker

Contact Information

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Profile

- Flexible, focused, client-oriented professional software engineer with substantial industry experience covering a broad range of operating systems, software, and development tools
- Technical team lead with managerial duties and developer on a large scale client/server application successfully deployed to 14,000 mobile users
- Recognized as the EDS account expert on office forms automation and data collection software and implementation
- Legacy (COBOL) systems evaluation and conversion to modern J2EE web application development experience
- Defense inter-agency and department electronic data interchange (EDI) interface negotiation, design, and development experience
- Defense project software product evaluation and selection experience
- Database administration training and experience
- Systems administration experience
- Teaching experience (TA for object-oriented C++ file processing and introductory C++ programming classes)
- Graduate degree in Computer Science and undergraduate degree in Accounting\
- Apple iPhone 3G SDK programming experience

Objective

I seek a challenging and rewarding position leveraging my experience, education, and knowledge of the information technology business.

Current Skills

Software Engineering:	Object-Oriented Software Design Patterns, Software Architecture, Database Design & Data Modeling, Web Applications, Software Testing Techniques, Requirements Specification, Legacy Systems Analysis
Database Software:	Oracle Database 8.x/9.x, Sybase Adaptive Server Enterprise, Sybase Adaptive Server Anywhere (SQL Server Anywhere), Microsoft SQL Server
Web Server Software:	Apache Tomcat, Microsoft Internet Information Server (IIS), Sybase Enterprise Application Server

Operating Systems: Microsoft Windows (client and server), MacOS, Linux (Red Hat, Slackware, Gentoo), Unix (Solaris, HP-UX, AIX), MVS/TSO, AmigaDOS, BeOS, OS/2

Office Software: Microsoft Office (Word, PowerPoint, Access, Excel, Project, PowerPoint), WordPerfect, Lotus 123, Paint Shop Pro, Microsoft Image Composer, JetForm, FormFlow, Visio, Quattro Pro, Open Office

Development Tools: Borland JBuilder, Java SDK, Microsoft Visual Studio (Visual BASIC, Visual C++, Visual Interdev), Apple XCode with Cocoa framework, GNU tools, PowerBuilder with PFC and Cornerstone frameworks, Crystal Reports, HOW, InstallShield

Programming Languages: Assembly, BASIC, C/C++/Objective C, Pascal, Java, JSP, ASP, HTML, XML, UML, SQL, VBScript, JavaScript, COBOL, CICS, ZCL (Zebra barcode printer Control Language)

Education

University of Kentucky College of Engineering
 Master of Science Degree Granted December 2005
 Department of Computer Science

University of Kentucky Gatton College of Business and Economics
 Bachelor of Science Degree Granted May 1992
 Department of Accounting

- Graduated with distinction and departmental honors
- Beta Gamma Sigma Business Honor Society
- Beta Alpha Psi Financial Information Honorary

Professional Training

Microsoft: Internetworking with Microsoft TCP/IP

Sybase: SQL Server Administration
 Advanced SQL Server Administration
 Sybase SQL Anywhere Fundamentals

PowerSoft: PowerBuilder Developers Tune-up
 Advanced PowerBuilder Application Developer
 Building PowerBuilder Distributed Applications

Employment History

Sabbatical
 August 2003 – Present Lexington, KY

During this time period I performed various temporary and other assignments including work with Integrity Staffing Solutions, Prentice Hall, Amazon.com, and the University of Kentucky as a research assistant while searching for a full-time position in the software engineering field.

As a research assistant for ACE Organic, an online organic chemistry learning tool developed at the University of Kentucky for Prentice Hall, I provided day-to-day web and database server administration support and created a number of the Java classes necessary to provide organic chemistry conformation problem support. (See <http://www.prenhall.com/aceorganic> for more information.)

I'm currently working on a personal, unfunded project for the Apple iPhone.

Electronic Data Systems (EDS)

Fort Knox, KY

Dec 1996 – Aug 2003

Advanced Software Engineer

I supported the US Army in a variety of capacities including custom software design and development (web, client-server, and stand-alone), requirements specification, database design and programming, network programming over a virtual private network, system architecture review, and systems administration. Applications that I developed or supported in some manner include data collection and forms automation software, requisition and maintenance tracking software, recruiter tools (Leads, Recruiter Store), remote execution tools, legacy system replacement software, and system user registration software. This includes work as a software development technical team leader on the Leads project where I was responsible for a large team of developers.

University of Kentucky

Lexington, KY

Jan 1996 – Nov 1996

Teaching Assistant

I was a teaching assistant for the first C++ programming class required for computer science majors during the Spring 1996 semester. I was the sole instructor for a section of File Processing during the Fall 1996 semester; I developed lecture material, created and graded assignments, and helped students on a one-to-one basis when needed.

Kentucky Utilities

Lexington, KY

1994 – 1996

Student Programmer

I developed PC and IBM mainframe file conversion software, online and batch mainframe software, bar code printing software for an inventory control system, and various reports.

1990 – 1992

Student Accountant

I was responsible for auditing nightly account processing and billing.

References

References are available upon request.