

BRUCE KOIVU

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STRATEGIC AND TACTICAL PROGRAMMING ANALYST with over 13 years of progressively advanced IT project management experience, including over six (6) years working with Oracle PLSQL Packages, Triggers and Table Design. Strong work ethic complements the ability to produce results in a complex, dynamic workplace on time and within management's vision. Effectively communicates across all lines of an organization while building strong, working relationships. Independently seeks to expand IT skill set by sampling new IT products and protocols and implementing upgrades where productivity efficiencies can be realized.

TECHNICAL SKILLS SUMMARY

LANGUAGES & DEVELOPMENT TOOLS

Visual Studio .NET	C#/C++	Visual Basic .Net/6.0
VISUAL C++ 7.0/6.0/5.0/4.0	Java	Dreamweaver
ASP.NET	FileNet Document Imaging	

DATABASE & OPERATING SYSTEMS

Oracle 8i/9i/10g; MS SQL SERVER 7; MS Windows 2000, 2003; NT 4.0; 95 and UNIX C

HARDWARE AND SOFTWARE

Unisys SMP 6100 UNIX server; Unisys XR6 UNIX server; HPUNIX 700 UNIX; Intel Pentium PC; Windows 2003 Server XP; HPUNIX; Linux; UNIX/C; ASP; VB.Net; ASP.Net; Korn Shell.

PROFESSIONAL EXPERIENCE

Database Programmer Analyst, R&K Engineering, Roanoke, VA 2005 - 2006

Worked in collaboration with a staff of 20 programmers for a Department of Defense facilities contractor.

- Designed the web site for the Facility Management Command using C# and ASP.NET technology.
- Performed standard deviation and regression analysis on all incoming data.
- Built and executes all stored procedures that integrate the online reporting mechanism with the website using Oracle 10g database and Active Reports software packages.
- Collaborate with US military trainers concerning the transfer of data for base evaluations.

FileNet Developer, Genworth Financial, Richmond, VA 2004 - 2005

Performed various software functions for a provider of extended period health care insurance.

- Worked with third party vendor databases to accumulate, sort, format and transfer data to the data entry team in India using FileNet Import-Export Services that incorporated Visual Basic Services and SQL Server.
- Engineered a Voice Signature Import Service for recorded conversations between vendors and customers to ensure data accuracy.
- Transferred final audio files (insurance documents) into a strong, encrypted database format in an electronic paper format utilizing FileNet Web Services and ASP Applications.
- Facilitated data feeds from four vendors, by capturing batches of PDF, TIF and WAV files.

FileNet Developer, Oracle Developer, ECFMG, Philadelphia, PA 2001 - 2004

Performed statistical analysis and wrote algorithms for a medical licensing non-profit organization.

- Designed Visual Basic and Oracle PLSQL client-server programs for SCORE reporting and ensuring that the doctors fulfilled all 40 US requirements, as required by J1 Visa regulations.
- Encapsulated the Visual Basic SQL code by creating an Oracle control that made all future programming more efficient and effective.

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- Upgraded Visual Basic SQL from rule-based to cost-based optimization, making the initial query 10x faster.
- Improved Document Imaging and indexing code written in Visual Basic for documents/data that was hand-keyed.
- Restructured student reports written in Active Reports 3 and Visual Basic for ensure that the output structure was in adherence to the US Medical Licensing Examination (USMLE).

UNIX Administrator, FileNet Developer, Advanced Insurance Solutions, Atlanta, GA 1998 - 2001

Lead developer/administrator for software and hardware initiatives for a high-risk auto insurance provider.

- Upgraded and consolidated three older, slower Unix Servers to two new faster Unix Servers.
- Served as the liaison that analyzed and designed a UNIX sockets daemon to receive Automobile Appraisals from a Mainframe located in Chicago.
- Engineered FileNet Visual Basic and Oracle 8i programs for making the underwriter's evaluation process more efficient.
- Managed one software developer/UNIX Administrator.

Visual Basic Developer, Image Analyst, Rockwell Automation, Greenville, SC 1994 - 1997

Served as a Programmer Analyst in the company headquarters for a leading electrical motor and bearings manufacturer.

- Devised Sybase and UNIX C program to receive purchase orders using GENTRAN EDI.
- Administered the Optical Storage System.
- Evaluated and installed Right Fax Server for the Customer Service Department. Incorporated function into Microsoft Outlook. Facilitated customer service training for all department employees.
- Analyzed and developed Visual Basic scanning programs using Kofax Imaging Controls.

Other Experience

Visual C Developer, Computer Graphics, Kamel Software Inc., Winter Park, FL 1993 - 1994

Database Programmer, National Graphicom Inc., Orlando, FL 1992 - 1993

EDUCATION

MS Computer Science, University of Central Florida, Orlando, FL 1992

BS Naval Science, U.S. Naval Academy, Annapolis, MD 1983

TRAINING & CERTIFICATIONS

- .Net Web Services, Reynolds Community College, 2005
- BrainBench Certified Transcript #3619666, 2004
- Cisco Certified Network Associate (CCNA), 2003
- Oracle Certified Professional (OCP), 2002
- Microsoft .NET Certification (MCAD/MCSD) (expected date of completion 2006) – complemented by two (2) of independent study with concentration on VB.Net, ASP.Net and Web Services.