

OLUWASANMI OLUMUYIWA OPE.

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Profile:

6 years experience in Software Development, Program/Project Management, Designing and Developing Enterprise distributed applications using various Enterprise Development technologies and Enterprise Application Architectures. Interests also include Computer Vision, Scientific Computation, High Performance Computing, Algorithms, Cryptography, Fault tolerant distributed Computing, Artificial Intelligence, Signal Processing and Financial Engineering. Currently PhD Student, Department of Computer Science, The University of New Mexico, Albuquerque, US.

Certifications:

- Sun Certified Web Component Developer October 2004
- Microsoft Solutions Framework Practitioner Jan 2004
- MCSD (Microsoft Certified Solutions Developer): for the .NET Platform.
Dec 2003
- MCAD (Microsoft Certified Application Developer): For the .NET Platform.
Nov 2003
- Brain Bench Certified Digital Signal Processing (DSP) Professional:
Jan-2002
- Sun Certified Java Programmer: (August-2001)
- MCSD (Microsoft Certified Solution Developer): for Visual Studio 6.0 Nov 2000.

Professional experience:

- May 2007 till date

Research Assistant for Prof. Jared Saia. Research in distributed fault tolerant computing. Designing and implementing fault tolerant distributed algorithms.

- Jan 2007 till may 2007

Project Assistant for Dept. of Biology. Maintained and created PHP scripts for their website created and maintained Databases in MySQL for data storage needs, wrote Perl scripts for text processing for data collection.

- Aug 2006 to till December 2006

Teaching Assistant for CS 361 Introduction to Algorithms class.

- Jan 2006

Teaching Assistant for CS 351 Design of large programs class.

- Feb 1 2005 till Dec 2006.

Project Assistant (Database Administrator/Programmer) New Mexico Heritage Program, Managing the GIS SQL Server database on endangered species and ecology in New Mexico. Migrating the legacy Access Biotics application to SQL server with a VB front end.

- May 2002 till Jan 2005

Software Engineer FUTURE SHOCK CONSULTANTS.

Involved in the Development, Design and Management of an Enterprise Investment Asset Management Application (Team Lead for Mutual Fund Management module).

Skills Used VB.NET, VB, SQL Server 2000 and Visio, Equities, Fixed Income, Basic Accounting.

- March 2003 to June 2003 TECHNICAL CONSULTANT.

Developed a SMS Based lottery application for Greenfields Ltd.

Skills Used: VB, VC++, ASP, SQL, Java, JDBC, Visio.

- October 2001 to April 2002 TECHNICAL CONSULTANT AND PROGRAM MANAGER.

Managed the Project and designed the algorithm for a Pattern Recognition and Computer Vision Application.

Skills Used: MATLAB, C++, Image Processing, Digital Signal Processing and Pattern Recognition, SQL.

- March 2001 April 2002 SOFTWARE ENGINEER.

Developed new and maintained old ERP applications for Artemis Inc.

Skills Used: VB, XML, XSL, SQL, ActiveX, SQL, VBScript, JavaScript, HTML ASP, Visual Interdev, Visual C++, COM/DCOM/COM+, SOAP, ATL.

- October 2000 -Till March 2001 SOFTWARE TRAINER.

Training customers in C\C++, Visual C++, Visual Basic 6.0, Java, JavaBeans, ActiveX, XML, SQL, Visual C++, Database Design and ASP for CPI Ltd. Developed Training Documentation and Materials.

Skills Used: VB, ASP, VC++, SQL, Java, ActiveX.

- June 1999- Till March 2001 PROGRAMMER AND APPLICATION ARCHITECT.

Centre For Energy Research and Development, O.A.U. Ile-Ife Nigeria Developed AFRI(Annual and Fast Response Inventory) Air Pollution Inventory Project under Dr I.B.Obioh iobioh@oauife.edu.ng.

- Jan 1999 Till May 1999 WEB DEVELOPER:

Global Access Netwalk, Nigeria Member of a team developing the site for a customer using Java and HTML.

Skills Used: HTML, Java, and JavaScript.

Platforms:

Windows 9X, 2000, XP, Unix, Linux

Others:

- Knowledge of XML, Java Beans, ActiveX, ATL, CORBA, ADO and AI (Especially machine learning and Neural Networks)
- Image Processing and Computer Vision. Cryptography; Private and Public Key systems. System Programming: using C/C++, x86 Assembly Language and MC68XY Assembly Language, writing text parsers and Network programming using the Socket Network APIs.
- Scientific applications involving differential equations, DSP applications, Image processing applications in FORTRAN and C++ and MATLAB.
- Creating Web Services, Server Side Web Programming, Domain Knowledge of Accounting, Stock Broking and Funds/Asset Management Business areas.

Programming languages:

C++, C, Java, Visual Basic, C#,Haskell, SQL, Transact SQL, PL/SQL, Scheme, ML, Assembly language, (Intel/MOTOROLA), FORTRAN, AWK, Lisp, Prolog, MATLAB Script., ASP, TCL, Korn, Bourne and Bash shell scripting.

Education:

1994 – 2000 Obafemi Awolowo University Ile-Ife, Bsc Computer Science and Mathematics (Combined Honours) 2nd Class Division.

Jan 2005 PhD Student, Department of Computer Science, The University Of New Mexico ,Albuquerque, US.

Organisation Memberships:

IEEE, SIAM, ACM.