

Bosah Chukwuogo

OBJECTIVE

Seeking a challenging position in software engineering and information technology where I can utilize and build on my skills as a problem solver and team player.

EDUCATION

Texas Tech University, Lubbock, TX

M. Sc Software Engineering, August 2005 – August 2007

Thesis: *Scalability in Analysis of Software Architectures*

GPA: 3.75 out of 4.0

Texas Tech University, Lubbock, TX

B. Sc Computer Science, August 1999 – May 2004

B. Sc Electrical Engineering, August 1999 – May 2004

Completed **Minor in Mathematics**

Texas Tech University Staff Senate Scholarship 2005 – 2007

Competitive Student Scholarship Award: 2001 – 2004

Dean's Honor List Award: Spring 2004.

SKILL SUMMARY

Process/Design: Object Oriented Analysis & Design, Design Patterns, UML 2.0, RUP, Scrum

Tools: Visual Studio 6.0/2003/2005, Visual Source Safe, Subversion, Rational Rose, Eclipse

Programming: C#, C++, MFC, .NET 1.1/2.0, VB.NET, Haskell, Python.

Web: HTML, CSS, ASP.NET, PHP4, JavaScript, Web Services, XML/XSLT, SOAP, AJAX.

Database: Oracle 9i/10g, MS SQL Server 2000/2005, MySQL.

Protocols: HTTP, TCP, UDP, FTP, RPC.

Platform: Win 98/XP, Windows Server 2000/2003, Fedora Code (Red Hat Linux), Solaris 10.

Others: Win32 API, GDI+, MS IIS 5 – 6.0, and Active Directory (ADSI).

EMPLOYMENT

Lead Programmer/Analyst – Application Development, TTU

Mar 2006 – Present

- I am primarily responsible for the architectural design and implementation of ADFX, a multi-tiered application framework we use internally for building applications. This framework is very similar to the popular CSLA framework. The use of this framework resulted in reduced development time, and better knowledge reuse in my team and other teams using ADFX. I also built a code generation tool as a Visual Studio add-in to generate business objects, strongly typed collections, and different UI pieces.
- As lead programmer, I interact with the customer and manage the project throughout its lifecycle. This includes creating the project schedule, dividing tasks to my team members, getting feedback from our testing team, and organizing customer training.
- I am also part of a team that assesses and recommends code implementation standards and best practice guidelines to my group manager for adoption by our department.

Senior Programmer/Analyst – Application Development, TTU

May 2004 – Mar 2006

- My primary function at this position was to design, develop, deploy, and maintain medium size software applications for use by the entire university community of 30000+ users.
- I also teach an XML introductory short course at the Advanced Teaching and Learning Lab 4 times a year.

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Part Time Programmer – Software Development, TTU September 2002 – May 2004

- My primary job functions included application maintenance, bug reporting, bug reproduction, and bug fixing. I was primarily responsible for 4 applications that were mostly written in PHP and Java with Oracle 9i as the database server.

MAJOR PROJECTS

TechAnnounce Announcement Platform, IT Division, Texas Tech University

- **Project Lead**
- Design, development, and deployment of a campus wide announcement platform for interested colleges and departments. This application included a unique customization feature for precipitant to customize announcements from all announcement sources around campus. The platform also supports customizable templates for each announcement application on the platform, and support for proper rendering on mobile devices. This application served over 2,000,000+ pages per week and delivered over 2,700,000+ emails to students, faculty, staff, and other members of the campus community.
- ASP.NET 1.1/2.0, C#, MS SQL 2000, IIS 6, JavaScript, AJAX, RSS, and Web Services.
- Successfully deployed in February 2007.

Student Part Time Employment, Financial Aid Office, Texas Tech University

- **Project Lead**
- Design, development, and deployment of a student part time employment application to allow students view and apply for part time jobs. This application also includes an administrative backend that allows employers and administrators to manage their job vacancies and screen applicants. This application currently serves a student community of 25,000+ students.
- ASP.NET 1.1, VB.NET, MS SQL 2000, IIS 6, Win 2003 Sever, Web Services, SCRUM.
- Successfully deployed in February 2006

Faculty Salary & Tracking, Office of the Provost, Texas Tech University

- **Project Lead**
- Design, development, and deployment of a real time transaction tracking software to enable the Provost's office manage finances for faculty salary more effectively. This software has resulted in accurate reporting and planning of faculty salaries at TTU.
- ASP.NET 1.1, VB.NET, MS SQL 2000, IIS 6, Win 2003 Sever, Web Services, RUP, UML.
- Successfully deployed in August 2005.

PUBLICATIONS

Michael E. Shin, Bosah Chukwuogo, and Marta E. Calderon, "Scalability in Analysis of Software Architectures," 6th International Workshop on System/Software Architectures, Las Vegas, June 2007.

MEMBERSHIPS

IEEE (Institute of Electrical and Electronics Engineers), member since 2000
NSBE (National Society of Black Engineers), member since 2001.