

BIPINDRA BIR SHRESTHA

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**OBJECTIVE**

Seeking full time position as a software developer that utilizes my skills and provides a good learning curve.

EDUCATION

08/07-08/09 Masters of Science	Computer Science	Lamar University, Beaumont, TX	GPA (3.53 / 4)
08/01–05/05 Bachelor of Engineering	Information Technology	N.I.T Durgapur, India	GPA (77.4 / 100)

EXPERIENCE

Department of Computer Science, Lamar University, Beaumont, TX Aug 07–Aug 09
System Administrator

- Configured and maintained Linux, Solaris Servers: Web server, Mail Server, NIS, Samba, LDAP etc.
- Conducted Linux workshop for new students of Computer Science Department

Proteans Software Solutions, Bangalore, India Aug 05 –June 07
Senior Software Engineer

Project: MS CRM Add-ons development

Environment: C#, ASP.Net, Windows Services, Web Services, MSCRM 3.0, MSCRM 4.0, JavaScript, XML, Ajax, SQL 2000, 2005, Nant, Cruise Control, Dotfuscator

Responsibilities:

- Implemented editing records feature in the product “Console” which enabled CRM entities to be edited from “Console” GUI.
- Implemented multiple record editing features in the “Forecast Manager” grid, which enabled editing of multiple data / CRM entities.
- Developed build automation system using Nant Scripts and Cruise Control which automated builds of 17 products that led to a significant decrease in the turnaround time.

Project: RootStream Detect (financial fraud detection software)

Environment: C#, ASP.Net, ADO.net, Windows Services, Web Services, JavaScript, XML, Ajax, SQL 2000, 2005, Infragistics UI Components, flash

Responsibilities:

- Developed a tool for generating rules for the Rule Engine of Rootstream detect,
- Designed and developed an e-commerce framework for online purchase of Rootstream Detect.
- Designed and developed build automation scripts using Nant.

Neo Linux Solutions, Ranchi, India June 05 – July 05
Developer

Project: Mirror Zen (a web based question answering system)

Environment: Linux C, MySql, libwww library, wordnet library

Responsibilities:

- Designed and developed a web crawler for search engine in Linux C using libwww
- Developed 2 modules for Natural language processing of a web based question answering system.

ACADEMIC PROJECTS & RESEARCH

- 3D Virtual Museum (C++, Torque Game Engine, Torque Script): Designed and developed tool/techniques for creating a Virtual Museum using a 3D game engine Torque Game Engine Advanced.
- Replicated File System (Solaris, Linux C++): Implemented UDP based distributed replicated file system
- Distributed WhiteBoard (Linux C): Implemented TCP/UDP based distributed whiteboard using Xwindow lib, Unix sockets
- Parallel Matrix Multiplication (Solaris, Linux, C): Implemented TCP/UDP based parallel matrix multiplication application

CERTIFICATIONS

1. Microsoft Certified Application Developer (MCAD)
2. IBM Certified DB2 professional(2004)
3. WebSphere Application Developer 5.1 (WSAD) (2004)

COMPUTER SKILLS

Languages : C, C++, C#, Java, JavaScript, PHP, TSQL, UNIX shell scripting, Torque Script

Web and Database : ASP.NET, Jquery, JSON, AJAX, SQL Server 2000 and 2005, IBM DB2, MySQL, SQLite

Platforms : Windows, Linux , Solaris, Mac OS X

Build Automation Tools : Nant Scripts, Cruise Control

Unit Testing Tools : NUnit, ZaneBug

Other : Visual Studio 2003, 2005, 2008, .Net Framework 1.1, 2.0, 3.0 3.5, LINQ, MVC, WPF, WCF, Microsoft Enterprise Application Library, Web Client Software Factory, e-commerce, Eclipse, NetBeans, Visual Source Safe , SourceGear Vault, SVN, Dreamweaver, FrontPage, Photoshop, Flash, Rally, TCP/IP , 3D game studio, Torque Game Engine

ACHIEVEMENTS AND AWARDS

- “Outstanding graduate student 2008-2009” – Department of Computer Science, Lamar University
- “Best student of the year 2005” –by Department of Information Technology, NIT, Durgapur India
- “Best team project” for “Online programming evaluation software” by Birla Institute of Technological Museum (Govt. of India), Kolkata, India, at “Engineering Fair 2004”
- Microsoft’s Student Champ, 2003-2004