SRINIVAS NYAYAPATI

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SOFTWARE ENGINEER with three years of experience in the development of database-driven web and windows applications. Skilled across many aspects of software engineering with a strong attention to detail, desire for professional results, and a demonstrated ability to come up to speed quickly in new diverse environments.

SKILLS

- Java, C, C++, Perl, VB .NET, ASP.NET, PL/SQL
- JSP, JDBC, Tomcat, Ant, JAXB, Struts
- XML, XSLT, XPATH, JAXP, DOM, XML Parsers
- Oracle, MySql, Progress, Interbase, DB/2, MS Access
- CSS, HTML, Perl, JavaScript, Apache, IIS
- Unix (Solaris, Linux incl. CVS, shell scripting, and cron), Windows, MacOs
- Unix/Linux System Administration, Desktop Support
- Dreamweaver, FrontPage, Adobe Photoshop, MS Office suite

TECHNICAL EXPERIENCE

Software Engineer
National Grid, Northborough, MA, 6/2003

- Designed and Developed a Database backed application to maintain technical data for the company's transformers.
- Successfully designed and implemented the database for the application.
- Designed and developed a data maintenance system and a report generator for the organization's transmission lines data.
- Technologies & Tools: VB.NET, XML, Oracle, PL/SQL, Stored Procedures, MS Access.
- http://www.nationalgridus.com/

Project Lead
Healey Library, UMass Boston, 9/2002 – 9/2003

- Led a team of five Software Engineers to develop and deploy a Multi-Tier web portal.
- Performed CVS administration, release management.
- Performed MySQL database design and creation and developed back-end for database interaction.
- Technologies & Tools: Oracle, MySQL, JDBC, EJB, XML, Servlets, JSP, Struts 1.1 Framework, HTML, Dreamweaver, Tomcat, Ant.
- http://www.lib.umb.edu/

Web Developer
CatchItFree.com, Andover, 5/2003 – 6/2003

- Developed a database backed website using ASP and MySQL also capable of sending personalized emails using ASP CDONTS.
- Page: 1
  Conceptualized and designed the database for the website (MySQL).
- Page: 1
  Administered and maintained and updated the portal
- Technologies & Tools: ASP, MySQL, HTML, JavaScript
- http://www.CatchItFree.com

Graduate Assistant
International Student Services, UMass Boston, 1/2000 – 5/2003

- Designed, Developed and maintained the International Student Services website.
- Developed a Database for International Students
- Performed Report Generation by extracting data from Mainframes using MS Excel.
- Technologies & Tools: Perl, MS Access, MS Excel, HTML, JavaScript, Dreamweaver, QWS.
- http://www.iss.umb.edu

Information Systems Coordinator
University Advising Center, UMass Boston, 5/2002 – 10/2002
- Technology support on all phases of New Student Orientation.
- Design, Develop and maintain the Advising center website and the Boston Globe Taylor Scholarship Program website.
- Hardware and Software Support for the Advising Center.
- Report Generation by extracting data from Mainframes.
- Technologies & Tools: Perl, MS Access, MS Excel, FoxPro, HTML, JavaScript, Dreamweaver, QWS.
- http://www.uac.umb.edu/, http://www.taylor.umb.edu/

Web Developer
Biology Department, UMass Boston, 5/2002 – 9/2002
- Developed a database backed website for a laboratory class.
- Performed site's MySQL database design and creation, UI design, and Perl scripting, including login system, personalized content delivery, database administration tools.
- Technologies & Tools: PERL, MySQL, HTML, JavaScript, PHP, phpMyAdmin.

Summer Intern in Product Management
Progress Software Corporation, Bedford, 6/2001 - 9/2001
- Automated creation of a database on Progress Software users, by extracting data from Microsoft Outlook using Perl.
- Developed a web Application on the Progress Software users.
- Web and XML development, shell scripting, Perl scripting, setting up a Linux server.
- Technologies & Tools: PERL, MS Access, Progress Database, MS Outlook, JavaScript, HTML, XML, Linux Administration.
- http://www.possenet.org

Graduate Assistant as Lead UNIX Operator
UNIX Lab, Dept of Computer Science, UMass Boston, 1/2001 - 6/2001
- Schedule backups. Restore files. Create and administer user accounts and groups. Maintain password security
- Monitor system usage. Troubleshoot systems, network, printers, NFS
- Install and configure Solaris 8.
- Technologies & Tools: UNIX Administration, Shell Scripting, PERL.
- http://www.cs.umb.edu

Assistant Webmaster
University of Massachusetts Boston, 12/2000 - 1/2001
- Maintain and upgrade the School website using CSS, JavaScript and HTML.
- Technologies & Tools: HTML, CSS, JavaScript.
- http://www.umb.edu

EDUCATION

University of Massachusetts Boston, Boston, MA, 1/2000 – 12/2003
- Master of Science in Computer Science (GPA 3.2)
- Courses: Object Oriented Programming, Object Oriented Software Design, Computer Communication Networks, Compilers, Computer Security, Database Management, Database Application Development, Operating Systems, Client-Server Programming, Computer Architecture, Advanced Data Structures & Algorithms, Programming in Java, Programming in C.

Nagpur University, Nagpur, India, 8/1993 - 5/1997
- BS in Electrical Engineering
- Project: Study Design of Power Sub-Stations.

Complete Solutions Business Inc., Hyderabad, India, 12/1997 - 3/1998
- Diploma in Application Development on Mainframes
- Courses: Programming in COBOL, DB2, and CICS.

ACADEMIC PROJECTS
- Developed a Web Portal for the UMass Boston Healey Library.
- Developed a package in C++ to calculate database transaction response time.
- Developed a Framework for a game of marbles in Java.
- Developed a java compiler in java
- Developed a multi-threaded web server in Java.