INFORMATION DESIGNER

Summary of Qualifications

Strong leadership, project management, System Administration and technical skills to meet the efficiency and optimization needs. Has 3+ years of professional experience in managing, developing and maintaining software systems, web applications, and database systems. Experience in Unix/Linux System Administration, Oracle Database Administration (11g), MySQL database administration, Ellucian Banner ERP, and Oracle Application Express(APEX).Educated with solid math background and equipped with strong problem solving skills

Technical Skills

Languages : C, C++, C#.NET, Java, Python, PHP, Mathematica, Oracle, PL/SQL, MySQL, XHTML/CSSÂ
Environment: Windows, UNIX, Linux(Red Hat), Windows Server, WAMP, LAMP Â
Softwares IDE : TOAD for Oracle, SQL Developer, Visual Studio, Eclipse, NetBeans, Dev-C++, Notepad++,Microsoft OfficeÂ

Experience

Information Designer , 09/2012 ï¼ Current Company Name ï¼ City , State

- Luminis system administration - The Luminis Platform is a Web portal system(https:/aggieaccess.cameron.edu) that creates a common gateway to the information that students, faculty, and staff use every day.
- This system is running on T5220 server Chief technical staff for maintaining university's website(www.cameron.edu) DegreeWorks administrator - Implemented DegreeWorks application on Linux server with backend Oracle database with highly customized XML documents as frontend.
- DegreeWorks is a comprehensive, web-based academic advising and degree audit tool that helps students and their advisors successfully navigate curriculum requirements Plans and implements backup and recovery of the Oracle database using RMAN and MySQL Database with mysqldump utility Provided system administration for 12+ servers of Red Hat Linux, Centos Linux and Unix(Solaris 10) including routine maintenance, patching, and system backups and restore, and software and hardware upgrades Experienced in Performance Tuning, Query Optimization, and Database Consistency Checks Experienced in developing stored procedures, Triggers, Cursors, Joins, Views, Cursors and SQL on databases: MySQL, Oracle 11g Experienced in designing, modeling, developing, deploying and supporting database - driven applications using Oracle Application Express (APEX) Experienced in Monitoring servers by using tools like Nagios, OSSEC (Host -based Intrusion Detection System), and LogWatch.
- Maintain Web Servers: Apache, DNS, Tomcat, CAS, WebGUI CMS systems Managing users, group and their permissions Managing server security using iptables Install and maintain SSL Certificates for more than 15 Web Hosts including Oracle Wallet Certificates, Apache, and Tomcat Integrate, maintain and configuring Single Sign-On(SSO) to web application with Luminis Platform Installed, Upgraded and applied patches on Oracle RDBMS and on different modules of Banner System Well-versed in developing reporting applications using Cognos Business Intelligence components like Report Studio, Framework Manager, and Query Studio Created custom reports using PL/SQL to functional users Experienced on Automatic Scripting using shell scripts bash and perl Responsible for issuing Banner Security access for faculty, staff, and students Solve security access and profile related problems Handling and generating tickets via BMC Track-It tool.

Work History

Research Assistant 05/2012 ï¼ 07/2012 Company Name ï¼ City , State
Office Assistant 05/2012 ï¼ 07/2012 Company Name ï¼ City , State
Mathematics Tutor 10/2010 ï¼ 05/2012 Company Name ï¼ City , State

Projects

Job Search Engine

- Coordinated a group of five team members and improved the workflow and productivity of the team to deliver the product on time
- Developed the backend code in PHP that will connect employers and job seekers in Lawton, OK area through web application
- Designed smart skill matching algorithm that recommends employers with prospective employee and vice-versa, matching the requirement
- Developed SQL Queries for connecting to Database Tables and use the data to access user information in addition to adding information to tables

Research Assistant

- Â This project was funded by CU Faculty Research Grant, joint work with Dr. Wayne Eby Â Â Â Â
- Assist professor in preparing and analyzing data; perform comparative analyses from former experimental data â€‹
- Mathematica was used to get the data Â Â Â Â

Banking system project

- Â Designed and implemented the project using C with the concept of OOP
- Used the â€œunp.hâ€ library, came up with the client program and server program which run on two different systems and communicate with one another via TCP socket
- Developed the interface on both sides and also showcasing the activities going on while the system is active
- Accountable for testing and debugging in Linux environment Accomplished the project within time constraint

Education

2012 Cameron University ï¼ City , State Bachelor of Science Computer Science and Mathematics GPA : 3.7

Workshops : Oracle Database 11g Administration (2013), Banner Database Administration (2013), Red Hat Enterprise Linux 7 System Administration (2015)