Daniel Montagnese

Database Developer - Discount Tire

Phoenix, AZ - Email me on Indeed: indeed.com/r/Daniel-Montagnese/f6d4b12cce372aa9

Have considerable experience in providing innovative solutions to complex and unique problems. Proactively embrace emerging technologies. Consistently produce excellent results.
Authorized to work in the US for any employer

WORK EXPERIENCE

Database Developer

Discount Tire - December 2016 to Present

Design MySQL database schemata, develop stored procedures and optimize the system supporting the Purchase Decision Logic application for selection of tires for customers. Have had the opportunity to work with Amazon RDS and the Aurora database along with Amazon S3.

Systems Analyst and Developer

Wells Fargo Bank - October 2014 to April 2016

Responsibilities related to assuring the flow of all transaction input data from all banks and ATMs throughout the country (~ 6500).

● Involved in the new initiative to develop web applications to monitor and manage the system. This utilized J2EE, jsp, JSON, Jquery, HTML, CSS, REST, MySQL, Oracle, IBM DB2, Apache Tomcat, etc.

● Also, other applications were developed in C/C++, Python and Perl. Bash shell scripting and Linux administration were a major part of the responsibilities. An application was developed in C++ to detect the arrival of x9.37i files consolidated from all ATMs and banks and manage their transfer to the mainframe.

● Worked until the contract was renewed the maximum number of times.

Senior Email Infrastructure Developer

GoDaddy - December 2006 to October 2014

Designed and developed a system to collect statistics on email accounts. This is a J2EEweb application running in Tomcat that is RESTful, using JSON as the data interchange format for posting statistics and exposing a web dashboard for administration. The statistics were recorded in Cassandra.

● Developed and maintained distributed email-related software in C/C++ to support SMTP, IMAP and POP along with mission-critical supporting infrastructure middleware that exposes a dashboard so that its internal workings can be monitored in a web browser. The software services millions of email accounts internationally. Development was done using an agile methodology, Kanban and Jira.

● Modified open source IMAP server software in C to provide Godaddy's first implementation and continued to maintain that project. The application supports 'push' email for standard email clients and for BlackBerry users.

● Designed, developed and maintained a system in C++ to rapidly and securely serve cached database connectivity information in such a way that the information (host, port, user_name, password) can be changed dynamically with little or no down time. This has been used company-wide.

● Interfaced with the Chief Scientist to conceptualize, develop and integrate the email retention system in C ++ used by GoDaddy in Amsterdam in order to comply with European law and open up the European market to GoDaddy.

● Provided C extensions of php and Python.

● High-quality, high performance, high-reliability software was consistently delivered on time.

Advanced Engineering Group Developer

Mutoh America - May 2001 to December 2006

Mutoh is a manufacturer of wide-format printers. This is a research and development group and many experiments and proofs of concept were done.
● Developed a Java Swing application to display on the printer's touchscreen to control the printer.
● Conceived and developed a Java desktop application to control the printer remotely and to deploy updated firmware to the printer using TFTP. Did experimental development of the firmware as well. The firmware ran on a proprietary, real-time operating system.
● Developed major components of the 'Thunderbird Print Server' that was included with Mutoh printers. This was a Linux system developed in C and Perl that exposed a web interface to manage commercial printing jobs.
US.Navy - Served as a Communications Technician with a Top Secret security clearance.

EDUCATION

Associates Degree in is Theology

Cleveland State University   -   Cleveland, OH

Mechanical Engineering

Lorain County Community College   -   Elyria, OH

Certificate in Computer Programming

Institute of Computer Management   -   Cleveland, OH

SKILLS

C (9 years), Linux (7 years), Perl. (7 years), Python (9 years), Tomcat (9 years)

ADDITIONAL INFORMATION

Areas of Expertise:

Have software development capabilities with breadth and depth including significant experience with many technologies: C/C++, Java/J2EE, Spring, MVC, Eclipse, Maven, Tomcat, HTML, CSS, REST, Python, Perl, bash, MySQL, git, svn, Agile, linux command-line tools, etc. In addition to extensive MySQL experience, have experience with IBM DB2 and Oracle. Have effective written and spoken communication skills with the ability to coordinate work with others.