

Michael Patrick McNierney

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Software Developer

Software Developer with experience on a wide range of hardware and software platforms who has designed, built and maintained mission critical software applications, managed the transitions of software each time the company was bought or merged, trained new employees, and represented the company with clients and third parties. Eager to learn and share knowledge with co-workers.

Languages: Java, JSP, Shell scripting, SQL, PL/SQL, C#.NET, C++, C, Objective C, JavaScript, jQuery, Python

Operating Systems: Linux, Unix, Solaris, Windows, Mac OS X

Databases: Oracle, SQL Server, DB2, MySQL

Applications: Eclipse, Visual Studio, Xcode, Apache, Tomcat, IIS, WebSphere

Professional Experience

Senior Programmer Analyst/Software Developer

Palm Coast Data, Palm Coast, FL – working remotely from Erie, CO 08/2015 – 01/2019

- Developed and Maintained Internet Systems, Senior Developer
- Managed a subscription fulfillment system for several hundred clients
- Processed up to a million transactions per month for subscription fulfillment
- Added code to interface with new SQL Server and DB2 databases
- Implemented LDAP based authentication in Java
- Analyzed business problems, designed and implemented solutions
- Monitored the Java systems on 11 servers maintaining 99.99% up-time
- Spearheaded the drive to digital content delivery for over 70 client titles
- Created the Digital Entitlement System to interface with iOS & Android devices
- Handled up to 150,000 RESTful Digital Entitlement API transactions per hour
- Supported both magazine and membership clients via the Digital Entitlement API
- Added support for form, xml and json based calls to the same APIs
- Designed and implemented a B2B client reporting iOS app & web app
- Distributed an iOS app Over the Air (OTA) via our own servers to clients
- Reported directly to the Corporate Innovation Officer
- Converted and Migrated Java systems to Palm Coast Data
- Enhanced and maintained a sophisticated automated ftp/sftp/ftps system
- Processed over 100,000 ftp/sftp transfers for over 200 GB of data per year
- Maintained ssl certificates in the Java Certificate Store on 7 servers
- Managed gpg/pgp keys and processes
- Migrated Java systems to new hardware and software configurations
- Developed and Maintained a new subscription fulfillment system in C#.Net
- Created and Modified Oracle stored procedures and functions
- Implemented an API interface to perform Address Hygiene on postal addresses
- Created a web app to compare lists of postal addresses and report differences
- Ran millions of postal addresses through NCOA to update our files
- Trained and mentored junior programmers
- Created a plan to implement Apple Pay for magazine subscriptions

- Maintained and enhanced the web-based billing system and automated feeds
- Re-designed the handling of broadcast email opt-out and bounce transactions
- Supported and modified the Waiting Room Subscription Services system
- Maintained compliance with PCI – Payment Card Industry requirements
- Ensured systems followed OWASP guidelines
- Responded to security audits to harden systems to hacker attacks
- Worked with Network Services to implement new ssh key auth for sftp

Programmer

Kable Fulfillment Services, Louisville, CO

01/2003 - 08/2015

- Developed and Maintained subscription fulfillment systems
- Migrated systems from mainframe to open systems
- Designed, developed, implemented a subscription fulfillment transaction process
- Supported 4 distinct back-end systems with one Java based front-end system
- Developed and maintained systems on VM in Natural and ADABAS
- Enhanced a sophisticated automated ftp/sftp system to run on distributed servers
- Developed a web Customer Service system using AppLinx with a CICS back-end
- Created a web-based tracking system to control job flow in the lettershop
- Retired the mainframe by replacing all the systems with web-based systems.

Advanced Systems Engineer

Electronic Data Systems - (EDS), Louisville, CO

01/1990 - 08/2003

- Developed and Maintained systems in many languages on various hardware
- Migrated systems from mainframe to open systems
- Managed a development team of 12 programmers for about 6 months
- Replaced a pro-c Internet fulfillment system with a J++ system then later Java
- Migrated Java systems from Colorado to the EDS service center in San Jose
- Led the project to convert to a new version of FTP on MVS/XA
- Managed the City State Master system of global postal addressing data
- Created 2 web-based control systems in SmallTalk
- Developed and maintained programmer utilities in REXX and clist

Education

Bachelor of Arts Chemistry, University of Colorado, Boulder, CO

Honors and Achievements

Sun Certified Java Programmer

Employee of the Month – twice

American Chemical Society certified BA from CU

Professional Activities / Organizations

Boy Scouts of America – Scoutmaster, Assistant Scoutmaster, Cub Master

Centaur Recreation Club – board of directors (managed a swimming pool)