

## **Stephen L. Nall**

[Stephen.L.Nall@gmail.com](mailto:Stephen.L.Nall@gmail.com) \* (512) 850-4246

### **Profile Summary**

Degreed and Honorably Discharged U.S. Air Force Veteran with 15+ years experience in Information Technology specializing in PHP Web Development and RPG Programming seeking a position in the Central Texas Region and elsewhere.

### **Some Key Accomplishments**

- Developed PHP web services that access DB2 and MySQL tables, some using the Zend Framework, on both i5 and Linux platforms for customers' online application processes and various state board online tools. Produced some front-end AJAX web applications using PHP, HTML, CSS, ExtJS, and jQuery.
- Launched and maintain a customized PHP eCommerce website with custom PHP product load, along with WordPress and other websites.
- Implemented EDI integration between Coca-Cola and PFG Customized Distribution using InovisTrustedLink and custom programs in support of a customized soda dispensing program for chains like Wendy's.
- Performed system integration with Fedex to accommodate a "Pick N Pack" smallwares project with PFG Customized Distribution to service 12 major restaurant chains like Ruby Tuesdays.
- Gathered, collated, and prepared version, licensing, and other data from 130 workstations and 50 applications for an automotive industry audit report which resulted in the audit being passed successfully on schedule for Sensus Precision Diecast.

### **Experience**

#### **Owner**

ProComm Services, Cedar Park, TX

Apr 1998 – Present

- Build, maintain, and host web sites with this part-time side-business.
- Launched and maintain a customized PHP eCommerce web site. The cart is PHP-centric and employs the LAMP stack with technologies including the Linux OS, Apache web server, MySQL database, PHP programming language, HTML, CSS, and JavaScript/jQuery. Use tools such as phpMyAdmin, Squirrel SQL client, and SQL command line interfaces to administer databases. A custom PHP system is used to retrieve product listings from suppliers, transform them for new postings, and to perform updates of quantities and prices.
- Prior projects include clients for IBM AS/400 & iSeries programming using RPG, SQL, CL, SEU, PDM, DBU, RLU, Query, and other languages and tools for migrations, conversions, enhancement of a utility billing system, and warehousing, inventory, and distribution systems.
- Prior web projects include current and prior customers for web development, graphics, and programming using PHP, Apache, IIS, MySQL, Linux, Unix, Windows, Dreamweaver, Adobe PhotoShop, GIMP, WordPress, and other tools and technologies.

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### **Senior Systems Analyst**

Texas Mutual Insurance Company, Austin, TX

July 2014 - Jan 2016

- Provided on-going support for Texas workman's compensation claims systems. Systems included a newer Guidewire GUI-based system and a green-screen RPG and SQL-based system.
- Upgrades and enhancements were performed on the RPG-based system to meet changing regulatory requirements, add enhanced functionality, and for bug fixes.
- Data and program support was provided for multiple EDI trading partners and vendors.
- Performed an upgrade of a third-party imaging solution on a Windows 2012 R2 Server, and verified its integration with RPG-based software and other third-party systems.

### **Programmer/Analyst**

PFG Customized Distribution, Lebanon, TN  
(Through Sources Unlimited, Jackson, TN)

Feb 2013 - Apr 2014

- Enhancements to their PoD (proof-of-delivery) handheld scanner integration
- Order entry system support and enhancements
- Billing system support and enhancements
- Brought native RPG applications to the web with modern AJAX web interfaces using the Profound UI web-based platform.
- EDI integration project with Coca-Cola using InovisTrustedLink
- Performed system integration work on a project with PFG CD and Fedex to accommodate the "Pick N Pack" smallwares project.

These projects involved RPG IV, RPG/free and embedded SQL on the IBM AS/400 (System i) as well as Windows workstations, bar code label printers, and hand-held scanners. Employed tools including RAD (Rational Application Developer -- formerly WDS) IDE, Navigator, SQL Explain for database performance metrics and enhancements, and the SQuirreL SQL client.

### **Programmer/Analyst and Network Infrastructure Support**

Sensus Precision Die Cast, Russellville, KY

Jul 2012 – Feb 2013

(Through American Consulting Group, Inc, Cordova, TN)

- Prepared and enhanced customized RPG and SQL reporting solutions for display, print, and data extraction from PRMS ERP software on the IBM System I for use by the Finance Director, President, and other executive and accounting staff.
- Coordinated the improvement and implementation of procedures to ensure disaster preparedness, software licensing compliance, and timely software patches and updates.
- Used tools such as Active Directory Users and Computers, DameWare Utilities, Remote Desktop, etc. to administer Windows workstations and servers.
- Assisted office and factory personnel in resolving hardware and software issues.

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- Gathered and prepared data and reports for an automotive industry audit which resulted in the audit passing successfully.
- Documented software assets, backup and recovery plans, and identified mission-critical application and data risks.
- Reviewed existing backup and disaster recovery procedures for all systems including PCs, servers, network gear, and the IBM i5. Ensured that remediation measures were taken where required.

### **Programmer/Analyst and Network Infrastructure Support**

Imperial Manufacturing, Portland, TN

Jan 2012 – Jun 2012

- Created and modified programs to support the MAC-PAC Manufacturing Account System and Future-3 ERP (Enterprise Resource Planning) system primarily using embedded SQL in RPG programs.

### **PHP Web Developer**

NASBA.org, Nashville, TN

Jul 2008 – Nov 2011

- Developed PHP web services that access DB2 and MySQL tables, some using the Zend Framework, on both i5 and Linux platforms for customers' online application processes and various state board online tools.
- Produced front-end AJAX web applications using PHP, HTML, CSS, ExtJS, and jQuery.
- Used Komodo IDE, netBeans IDE, vim, SVN, Git, and other tools.
- Maintained OWASP/SWADA (Secure Web Application Development Awareness) certification through SCIPP International.

### **Senior Programmer/Analyst**

Dollar General Corporation, Goodlettsville, TN

Jul 2007 – Nov 2008

- Participated in all phases of software life cycle development including requirements analysis, functional design, technical design, development, testing, and implementation in a retail environment.
- Coding was done primarily in IBM's RPG and embedded SQL. The base software was heavily modified Island Pacific retail software. Used Turnover change management.
- Developed programs related to inventory and "shrinkage" reduction, and a complex pricing inquiry system that integrated multiple pricing systems including chain, drop-ship, and zone pricing.

### **Systems Integrator**

Luxottica Retail, Mason, OH

Oct 2005 – Jul 2007

- Ensured flow and transformation of data between disparate systems by supporting and deploying enterprise applications using RPG, SQL, and CL on the IBM iSeries (AS/400), and Oracle PL/SQL, PHP, Perl, and shell scripting on Unix platforms. Created, retrieved, and transformed PDF, CSV, and tab delimited reports and data files on various AS/400 file systems including IFS, QDLS, and QNTC.
- Attended SOA technology training and participated in a pilot project.
- Used Aldon, Implementer, and Borland StarTeam application change management tools.
- Managed data flow from PeopleSoft, JDA, and multiple point-of-sale systems to data warehouse, other reporting systems, and external consumers such as Axiom.

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### **Programmer/Analyst/Web Developer**

Touch1 Communications, Atmore, AL

Jul 1994 – Aug 1998

- Built complex telecommunications applications on the AS/400, including an automated service termination (disconnects) system. Performed extensive data mapping for EDI functions which used dedicated lines, AS/400s, and Sterling's ConnectDirect product.
- Migrated traffic (customers) across several major long-haul networks including LDDS/WorldCom and WilTel. Coordinated this activity with the long-haul networks and the "baby bells."
- Worked extensively with end-users to build these systems and to conduct training. Interfaced with management at the highest levels.
- Worked with our datacard manufacturing facility to produce complex multiple product datacard mailers for customers.
- Migrated the customer billing package to a new product.
- Built the interactive corporate web site using HTML, Perl, an SGI Irix server, and Apache web server.

### **Education**

**University of West Florida**, Pensacola, FL

Studies toward Bachelor's Degree in Computer Information Systems

Appeared on The Dean's List and The President's List

GPA of 3.74

**Faulkner State College**, Bay Minette, AL

Associate of Arts Degree in Computer Science

Computer Science Student of the Year

Appeared on the Dean's List

Graduated with GPA of 3.72

Also earned credits with:

The University of Maryland

The City Colleges of Chicago

Anne Arundel College

The Community College of the Air Force