

## PAUL RUTKOWSKI

3120 S. Channel Dr.  
Harsens Island, Michigan 48028

cell: 734-678-8526

[Paul@PaulRutkowski.com](mailto:Paul@PaulRutkowski.com)

### SUMMARY OF QUALIFICATIONS

Information Technology professional with experience in data analysis, database design, and software development. Experienced in collecting and analyzing data to support business decisions. Over twenty-five years' experience in analysis, design, programming, and implementing business solutions using network technologies such as Microsoft Enterprise Server and IBM iSeries technologies. Strong background in object oriented programming and traditional HLL such as COBOL and RPG. Experience in analysis of custom ERP business software systems and packages such as JBA, JDE, MAPICS, and BPCS. Also skilled in AS/400 software analysis, software development, documentation, communications, and platform migration. Familiar with object oriented client server software development using VB, MS-Access, Visual Pascal (Delphi), and AS/400 Stored Procedures. Strong analytical skills, detail oriented, and an ability to relate to and respond to the needs of user.

- Various roles including defining key business needs using detailed analysis. Developed appropriate systems solutions, documentation, coding, testing, and implementation in a timely, cost effective manner.
- AS/400 Software developer in COBOL and RPG (with imbedded SQL in both). Uses RLU, CL, CLP, and IBM IPDS.
- JBA System/21 ERP support and programming. New programming interfacing into JBA.
- JDE (JD Edwards) World A7.1 support at a tape manufacturer and JDE 7.1 support at an insurance company in Fort Wayne; including researching problems, creating Technical Specifications, programming in RPG. At a Marysville, Michigan manufacturer, experience in JDE World 7.2 interface of Kronos time clocks into JD Edwards payroll module and administrative tasks required during power-off of AS/400. Worked in JDE areas such as invoicing, Accounts Receivable, and interface into Payroll. Occasional working with JDE DreamWriter. Modify customized RPG programming of reports pulling data from JDE.
- Experience supporting ERP using JBA System 21, JD Edwards World A7.2, PRISM, and JobScope.
- PC Software developer in VB and Delphi, Microsoft Enterprise SQL Server database with DTS packages.
- Maximo software integration using Microsoft Linked Server.
- Preparation of Functional and Technical specifications, test cases, user documentation, and Help Desk documentation.
- Support of AS/400 replication software (including upgrades) from Lakeview Technologies.
- Electronic data interchange mapping, resulting in faster sharing of data between Proctor Financial of Troy, Michigan and its vendors/clients using Extol. These were insurance related data sets for mortgage servicing. Also experience with TrustedLink.
- Support of AS/400 emailing and faxing software: FastFax, MessengerPlus, ACOM/400, and Robot/Client.
- Connectivity between platforms using TCP/IP and data transfer using FTP.
- System Administration (OS upgrades and PTFs) and Security Administration in a multi-partition AS/400 environment.

### PROFESSIONAL EXPERIENCE

**Solutions In Software, Inc.                      Headquarters: Harsens Island, Michigan                      Aug. 1989 – Present**  
**Independent Contractor providing services to companies looking to improve their business practices by using technology.**  
**I have experience in defining the project, then developing a solution to successfully complete the project. Self employed.**

#### Chronological Examples of Work History:

Jan. 2016 – present    Binsons Home Health Care, Center Line, Michigan  
Production support, new programming, data conversion from MedStar billing to new custom billing system written in Progress.

Jan. 2015 – Jan. 2016    Michigan manufacturer, Saginaw, Michigan  
Support MAPICS-XA from Infor, design and create new ACH payments system with PNC Bank, design and create new cooperative advertising reporting. Analysis of CRM enhancements. Production support and new programming. PowerLink.

August 2015 – December 2015    Dayco Corp., OEM and aftermarket automotive parts supplier, Troy, Michigan  
Involved in creation of interfaces to and from a cloud-based Warehouse Management System (HighJump) to the IBM iSeries mainframe.

Nov. 2013 – August 2015 / Dec. 2015.    Manufacturer of precision measuring devices, Auburn Hills, Michigan supporting this precision industrial tool mfg/dist/repair company's ERP system. System Analysis, Administration, programming of AS/400 JBA System 21 ERP software and MS-Access databases. Production support and new programming. Forms design and management using Formation.

Aug 2013 to Nov 2013.

An automotive supplier / manufacturer, Auburn Hills, MI (manufacturer automotive interior components)  
RPG programming of AS/400 ERP BPCS software. Production support and new programming.

May 2013 to July 31, 2013, and May 2010 to July 2010.

K & K Insurance, Fort Wayne, Indiana (insurance)

COBOL analysis and programming of AS/400 Insurance software. New COBOL programming relating to consolidating NASCAR race track billing. JDE (JD Edwards 7.1) support of JDE financial systems (written in RPG) including production support and research of Accounts Receivable questions and fixing data as necessary. Changes to Accounts Receivable inquiry screens as requested. This client is one of the earliest implementations of JDE.

July 2010 to Apr 2013

Carhartt, Inc. Dearborn, Michigan (clothing retailer, manufacturer, and distributor)

Programming of RPG and VB using AS/400 SQL stored procedures. Microsoft Enterprise SQL Server database experience with DTS packages. Create RPG programs for Infinium Payroll interface to their vision benefit carrier using secure FTP. Support interfaces for cooperative advertising. Design interfaces for data driven marketing.

January 2010 to May 2010

Chrysler Financial Corp., Farmington Hills, MI (insurance)

COBOL Programming, mainframe de-integration project. System Administration of multiple partition iSeries. Converting mainframe COBOL and DB2 software to AS/400. Work created independent insurance company: CorePointe Insurance Group.

February 2005 to December 2010

Intertape Polymer Group., Marysville, MI (manufacturing)

JDE -- JD Edwards World version A7.2 / custom programming and modifications to base financials support, also JDE Payroll to Kronos time clocks interface programming. Modifications to JD Edwards invoice printing. Research and answer data-related questions of JD Edwards Accounts Payable. In an administrative position, bring down an restart JDE background jobs. These tasks were done under the direction of the JDE/IT manager. AS/400 RPG programming support for Prism ERP and custom programming projects. System Administration of various multiple partition iSeries. Optio Forms designer of all corporate AS/400 forms. System Administration.

Sept 2004 to February 2005

Blue Cross Blue Shield of North Carolina, Durham, NC (insurance)

AS/400 COBOL. System analysis and software programming to create AS/400 COBOL MHS-Rate, billing rate acquisition pgm. Data analysis, design, and programming experience bringing together a unified rate retrieval onto one system.

**Various other clients multiple industries not listed above.**

#### **Data Analysis Experience:**

- Data analysis of IBM iSeries functions and mainframe interface for Chrysler Financial due to takeover by TD Bank, Toronto. Project involved supporting mainframe DB2 programmer's questions regarding how to decouple mainframe from IBM midrange system..
- Analysis and design, programming and implementation of the largest Workers Compensation medical bill review system. My work was eventually used in Minnesota and Texas. The system performed an automated review of doctor's and hospital bills according to the state of Michigan laws, in compliance with HIPAA for the protection of health information.
- Develop a unified software system on the IBM AS/400, including software from an IBM mainframe, for Blue Cross Blue Shield of North Carolina. This project consisted of analysis and conversion of Power-MHS membership sales and service software relating to customer policy rating. Analysis including Functional and Technical Design documents, and programming this new software to calculate medical, dental, and Group Insurance products rates. This software is used by Blue Cross customer service representatives to quote rates from a single platform – the AS/400. This system is in COBOL.
- Data analysis and design of various network based software systems used to solve customer problems.

#### **Migration/Consolidation/Conversion Experience:**

- Sole on-site support of data conversion of MedStar to custom UNIX platform.
- Migrate software and data from an HP mainframe to the AS/400 for a major wheel distribution company in S.E. Michigan. This included identifying the processes to migrate and selecting and migrating data to AS/400 databases. Data was reformatted when required to work with existing programs, or new programs were created. The HP system was in COBOL.
- Project lead for consolidating the takeover of Flexia Corporation (of Brantford, Canada) AS/400 operations onto International

Polymer Group's (headquarters: Bradenton, Florida) partitioned iSeries.

- Consolidate all accounting processing from an IBM environment onto a network using Solutions Accounting. The software impacted by this consolidation included: General Ledger, Accounts Payable, Accounts Receivable, Payroll, and Fixed Assets.
- Data conversion from various platforms to the AS/400 using FTP, iSeries Navigator, or third party tools.
- Migrate/convert township Assessor's databases for the Township of Oxford, Michigan, to an object oriented environment.
- Experience with mainframe data modeling tools such as ERwin Data Modeler CE from Computer Associates.
- Client Server experience using Microsoft SQL Linked Server connection from IBM Maximo to the AS/400. I designed the interface for this asset management software's data to the AS/400 using AS/400 DB2 triggers. I led the development team on this project for a nation-wide aluminum processor.
- Migrate Michigan Battery, a Detroit, Michigan battery distributor, from a DEC mainframe system to an IBM AS/400 using HDS software.
- Experience with data validation and testing procedures for migrated data and software.

#### **Medical and Insurance (property and health, liability):**

- Support MedStar billing software in RPG during conversion to UNIX platform for Binsons Home Health Care.
- JD Edwards 7.1 programming modifications to custom programs interfacing to existing JD Edwards programs. (property and sports/health)
- Electronic data interchange mapping, resulting in faster sharing of data between Proctor Financial of Troy, Michigan and its vendors/clients using Extol. These were insurance related data sets for mortgage servicing.
- Programming and documentation of Point IN on AS/400 in COBOL for CorePointe Insurance Group.
- Analysis, technical documentation, and programming of PMSC Point Insurance System software. Analysis regarding the automation of Agency Bill policy Waives. Analysis and programming of suspense transfer issues. Programming to uncover and correct database inconsistencies. All in COBOL for Meadowbrook Insurance.
- Support of property, casualty, and auto insurance software modules for various insurance companies, from a FISERV location in Columbus, Ohio. The software package is: 'Specialty Insurance Services', a product of FISERV. Customers of FISERV used the software and problems were handled in this office. Correct many problems and make enhancements relating to claim and policy management in interactive and batch environments. Programming modifications to IVANS (Insurance Value Added Network Services) data transfer and the ChoicePoint C.L.U.E. data transfer.
- Support of WINS Insurance software. Laser printing of Policies and Endorsements for Liquor Liability and Farm Owners insurance. Process tapes for State reporting. Data validation. All in COBOL.
- Analysis, design, and creation of a completely new system to track Policy Quoting with WINS interfaces.
- Analysis and programming of a completely new software system used to calculate and track the Insurance information required when leasing equipment. The system involved interfacing into a current Lease Billing System. Automatic creation of databases that are sent to the Insurance Provider. Designed and programmed complete amortization reporting. All programming written in COBOL.
- Analyzed, designed, constructed, implemented, and supported a Workers Compensation medical and hospital bill review system for the state of Michigan Workers Compensation laws. The system reviewed medical bill ICD9 codes and hospital bills for insurance companies to verify the procedures were allowable within the state's Workers Compensation laws. Various healthcare insurance companies use the results of this software. This product eventually went multi-state.

#### **Forms Design and Forms Software Experience:**

- Forms management and creation using AS/400 based FMG software
- Experience integrating forms into networked RICOH printers using AS/400 integration to RICOH software.
- PC forms creation using Label-Flow to design custom labels for a Troy, Michigan based printer. Software by Jolly Software.
- Design and create forms using PC based (with AS/400 integration) software: Optio. (custom forms design software) Optio software is a WYSIWYG forms system with a PC user interface, works with OS/400 to create high definition forms.
- Experience using FastFax by Quadrant software for forms expediting, email and faxing integration.
- Created an AS/400 based print-spool handling software product, integrates into network-based COLD.
- Forms design experience using Crystal Reports and ReportSmith for VB and Delphi RAD.
- AS/400 forms creation using Formation for the iSeries, IBM IPDS and IBM RLU.
- Familiar with AS/400 Out Queues, external print files, internal print files, RPG programming of printed output.

#### **Manufacturing:**

- Support of MAPICS/XA performing RPG Programming modifications and creation of new programs. Trouble-shoot problems in MAPICS/XA. Creation of automated ACH payments in Account Payable. Changes to Invoice, Shipping Confirmation, Order Confirmation.
- RPG Programming modifications to JBA System21 in an automotive supplier environment. JBA Financials, STRM/400, JBA Navigator, Calendars, Job Scheduling, trouble-shooting, new programming for Dual-use items, programming for credit card sales cost recovery.

- COBOL programming modifications and new programming in JOBSCOPE manufacturing system. Programming changes to Order Entry, Customer Maintenance, Pick Notes, and Order Acknowledgements.
- RPG Programming modifications to PRISM manufacturing software which is owned by Infor: Order Entry, Customer Maintenance, Shipping Acknowledgements, inventory, warehouse management, purchase orders, invoicing, and customer applications. Modifications to create a new Transportation Planning module. Changes to product pricing module. Support and development of new functions. Support of existing SQL Views and host Server Packages and Index. Support of software incidents from all plants; locating and correcting problems. Software written in RPG , ILE, with embedded SQL.
- JD Edwards programming modifications to custom programs interfacing to existing JD Edwards programs.
- JBA International System 21 ERP software -- perform analysis, programming, and customer support at the JBA International, Novi, Michigan office. Responsible for analysis and program changes to the JBA System 21 manufacturing system. Documentation of customer created changes to JBA System 21 modules and reprogrammed these modifications into the newest version of JBA. On-site analysis and programming support at customer locations in Michigan and West Virginia in order to locate and correct errors in JBA System 21 software. Troubleshooting JBA software problems from the Great Lakes region office in Novi, Michigan.
- MAPICS Manufacturing software – programmed new functionality to track purchase order receiving using Radio Frequency (RF) terminals. This project included understanding the barcode interface and using the output in MAPICS. This was performed in Wallaceburg, Ontario, Canada.
- BPCS manufacturing modules software installation according to the software installation manuals for a packaging firm.
- Support project converting from a PC based system to the JBA System 21 ERP software and accounting modules at a multi-location heat-treating company.
- Project planning and analysis of an effort to understand and organize 300+ modified manufacturing programs in preparation for an upgrade to the newest version of JBA System 21 ERP software for an auto parts supplier – Harvard Industries.

#### **Distribution and Retail:**

- Software support of Carhartt's inventory and production custom enterprise software systems running on AS/400.
- Sole programming and analysis support of Carhartt's co-operative advertising systems, VB and AS/400 stored procedures.
- Programming enhancements to Distribution software and all custom programming for a large Tool Distributor. Programming upgrades to order entry, receiving, order picking, returns, sales reporting, and accounting. Implementation and conversion to Harris Data Systems financial software. Interface customized Invoicing and Accounts Receivable into Harris Data Systems. Support of Harris Data Systems G/L, A/R, and A/P. Interface from Harris Data Systems back to custom software. Also responsible for creation and maintaining custom order entry, contact management, and inventory software for this distributor.
- Software development on customized distribution software system for seafood. Responsible for all existing distribution software for the largest seafood distributor in the Eastern United States.
- Assisted in the custom programming and implementation of a Warehouse Management System. The software was purchased from Interlink Corporation, of Toledo, Ohio. This software was purchased before I arrived, and the software did not work -- either functionally or programmatically. Our team rewrote the software and it is now used in all Borders Distribution centers. It changed the entire order fulfillment operations at Borders. The software uses RF terminals for product picking and scanning stations for shipping.
- Support of Lafayette Steel using the DMAS software system including modifications to reports and displays.

#### **Accounting:**

- Designed and developed an AS/400 interface to Maximo Fixed Assets Enterprise software from IBM using Microsoft Linked SQL Server technology.
- Experience with custom and packaged software for General Ledger, Accounts Payable, Accounts Receivable, Payroll, and Fixed Assets. Programming support of custom Invoicing, Sales Tracking, Dispatch, and Commission reporting systems. Software version upgrades and program retro-fitting for upgrades.
- Created a new Cash Application program for processing Cash Receipts that combined an Open Item receivables system with a Balance Forward system.
- Design, development, support, installation, and customization of Time Tracking software. This package keeps track of professional engineering time for Contract and In-house labor. Custom programming of Job Management software. Experience with Customer Management Systems.
- Developing accounting software upgrades on PC based systems using the object oriented programming. Enhanced and created various business modules.

#### **System Administration/Security Administration Experience:**

- Able to program using COBOL and RPG.
- Coordinate and migrate to a new iSeries model E4A (from an 570) – delivered on time and on schedule.
- Upgrade OS/400 V5R3 to V5R4 on a multi-partition iSeries.
- Experience with the HMC (Hardware Management Console) including upgrading the HMC O/S software.

- Able to plan for and perform PTF ordering, administration, and installation on the iSeries.
- Experience with multiple partitioned iSeries. Understands and uses Dynamic LPAR (DLPAR).
- Participate in a disaster recovery test at IBM in Boulder, Colorado during October, 2007.
- Configuration of BRMS, backup using BRMS and non-BRMS.
- Maintain/upgrade Security system values for Sarbanes/Oxley (SOX) compliance. Provide data for SOX requests.
- Provide support for user Incidents; maintain Task Management items.
- Experience using iSeries Navigator download iSeries data to create iSeries statistics and usage reports and graphs.
- Security Administration; Create Security Audit Journal and review using TAA Tools.
- Hands-on experience with ROBOT products including: Schedule, Reports, Auto Tune, Client, Replay, Console, Alert, Monitor, and Robot/Server. Also responsible for software version upgrades to all of these products.
- Install IBM Electronic Service Agent to replace ECS.
- Coordinate and migrate to a new iSeries model 570 (from an 830) – delivered on time and on schedule.
- Perform ‘Maintenance Window’ tasks requiring a dedicated iSeries during off-hours.
- Experience with installing, using, and upgrades to FastFax email and faxing software by Quadrant Software.
- Actual use and maintenance of Optio DCS software. Design and support of multiple forms with Optio DCS.
- Upgrading and maintaining Kronos time clock software to most recent releases. Act as interface between Kronos Technical Support and user problems.
- Transfer JDE One World from previous IBM iSeries latest IBM iSeries, including license handling.
- Responsible for monthly Vertex database upgrades to JD Edwards Payroll.
- Responsible for software version upgrades to PeekPlus, Messenger, Abstract/Probe, SaveOutq.
- Upgrades to ShowCase by SCSS – query tool for remote users.
- Configured new and used IBM AS/400 systems including installing actual features, such as memory, printers, tape drives, hard disk drives, and communications (on B, C, D, and other models) .
- Creation and maintenance of User Profiles and Group profiles on the IBM AS/400 and iSeries.
- Configuration of communications including IP, remote controllers, or multiple remote AS/400 systems and debugging – including setting up communication Trace.
- Able to use IBM’s AS/400 Performance Tools available through iSeries Navigator.
- Security design and implementation. Analysis of current Security, troubleshooting of security related issues.
- Creation of AS/400 Commands to aid in System Administration. Experience with BRMS backups and non-BRMS backups.
- Able to locate productivity bottle-necks and suggest improvement, including hardware improvements and software changes in AS/400 COBOL or RPG.
- Experience in support of Distributed Data Management (DDM) on remote AS/400 systems.
- Experience with FTP file and program transfers to AS/400.
- Experience in setting up Journals and journaling - Experience in Database Administration.
- Practical knowledge and experience in job scheduling using IBM’s iSeries job scheduling tools.
- Experience using Change Management products such as Aldon Change Mgt and TurnOver.
- Productivity tools such as SQL, DBU, View, Robot/REPORTS, and Abstract/Probe.
- Automation of Output Queue save functions using SaveOutq.

**Electronic Data Systems (EDS)**

**Plano, Texas**

**06/1988 - 08/1989**

**Employee – Programming, Analysis, and DBA.**

**Software analysis, technical documentation, programming, and DBA for the new Saturn dealership software. AS/400 performance testing on the yet-to-be-announced AS/400 series at the IBM facility in Los Colinas, Texas.**

***Education:***

Associates Degree, Computer Data Processing; Associates Degree, General Business; Associates Degree, General Studies, Macomb County Community College. System 36/38 and AS/400 courses including Performance Tuning for the System/38 at: IBM Training Center, Southfield, Michigan. IBM AS/400 Technical Conference classes including Performance Tuning for the AS/400, San Francisco. PC courses at: Computer Horizons Training Centers in Livonia, Michigan and Troy, Michigan. ACT! Training by Networkspace. Self-taught in Delphi. Web-based COMMON courses. Data Security Breach class.

Available for your interview. References: Available.