**JOSEPH THURMON**

[**JoeThePro0@aol.com**](mailto:JoeThePro0@aol.com)

**717-554-3991**

### WORK EXPERIENCE

**First Data Corp /EFTPS / Bank Of America / IRS – Omaha NE 12/16 to present**

**Application Developer / Programmer Analysis/ Testing/**

As an application developer I worked with Electronic Federal Tax Paying System (EFTPS) on IRS fraud and reporting programs. This involved analyzing and making changes (as well as creating a new NACHA Debits report program for various payment channels) to COBOL programs containing DB2, MQ and CICS. I also worked with a team of programmers in a conversion effort to move from COBOL 4,2 to COBOL 6.2. As an analysis I participated initial research of sensitive but unclassified (SBU) information identification files that were candidates for encryption using a vendor product by the name of Voltage.

Software and Hardware: IBM mainframe, zOS, Operating system, Cobol, CICS, Intertest, MQ series, DB2, Platinum, SPUFI, JCL, Windows 7, Excel, TSO/ISPF, Endevor, BlueZone (emulator), IOF, RDz

**Vanguard – Malvern PA 12/15 to 08/2016**

**Programmer Analysis/ System Analysis/Testing/**

I performed the duties of a developer as well as an analyst. As a developer / analysis I was responsible for making changes (enhancements) to a Rebalancing (recommending investments) and Trade Worksheet (trading stocks, bonds, ETF, annuities, equity, etc) functionality for a Personal Advisory System (PAS). This involved coding and testing Cobol programs to create reports as well as other functionality, coding and testing stored procedures (native as well Cobol stored procedures) and attending scrum and collaboration meetings.

Software and Hardware: IBM mainframe, zOS operating system, Agile, Cobol, IMS, DB2, JCL, Windows 7, Excel, TSO/ISPF, Endevor, MFE, Rumba (emulator), Easytrieve, Excel, INSYNC, BMC, Infopac, $AVRS, Smart TS, Stored Procedures, SDSF

**United Concordia Dental (Highmark) – Harrisburg PA 10/13 to 8/15**

**Programmer Analysis/ System Analysis/Tester/**

The main purpose of the project was to perform a conversion from IMS to DB2. This required extensive analysis of the existing production system written in Cobol, IMS and DB2. This required writing specifications for changes needed to go from IMS to DB2. Imbedded DB2 SQL was not coded directly in the consuming program but accomplished by CALLing “ DB2 components”. Most of my work was performed in the adjudication process of the Claims system, Payment Modification being a significant part of my work. I also made modification to application programs that that retrieved the “DB2 data” needed by My Client and My Dental parts of the system which are web applications.

Software and Hardware: IBM mainframe, zOS operating system, Cobol, IMS, DB2, JCL, Windows 7, TSO/ISPF, DB2, JCL, Endevor, Tracemaster, TPX and Session Manager(emulator), BMP, Excel, INSYNC, Dumpmaster, QMF, Blue Development Components, ARC Impact Analysis, System View, SDSF, DB2 Component Objects

**Principal Financial Group – Ottumwa IA 04 /13 to 6/13**

**Programmer Analysis/ System Analysis/Testing/**

Created, performed extensive analysis and made changes to a Retirement Investment System (RIS) written in COBOL, DB2, IMS and CICS. The purpose of this system is to build and maintain contract information for companies investing retirement funds.

Software and Hardware: IBM mainframe, zOS operating system, Cobol, IMS, DB2, JCL, Windows 7, TSO/ISPF, DB2, JCL, Expediter, Bluezone Display (emulator), Platinum, FileAid, Excel, Word,Optim, Workbench, Abendaid

**Infocrossing HealthCare Services/State Of Missouri MMIS – Jefferson City MO 7/12 to 01/13**

**Programmer Analysis/ System Analysis/Testing**

This was a “conversion” project. (VSAM to DB2). My duties included analysis, programming and testing of numerous COBOL programs that were implemented using VSAM files. My duties involved rewriting these programs to read and update DB2 tables rather than VSAM files as well as making many changes to JCL procedures. This was part of a Real Time Adjudication (RTA) Claims Adjudication System for the State Of Missouri.

Software and Hardware: IBM mainframe, zOS operating system, Cobol, IMS, DB2, VSAM, JCL, Windows 7, TSO/ISPF, DB2, JCL, SPUFI, Expediter, CICS, BMC Checkpointing, POD (instant messaging), TPX, Bluezone Display (emulator), Platinum, FileAid, QMF, Excel, Word

**Department Of Human Services (DHS) – Springfield IL 9/11 to 4/12**

**Programmer Analysis/ System Analysis/Testing**

Responsible for performing analysis and programming for a Child Tracking System (CTS/CMS). This was a “conversion from IMS to DB2” project. IMS calls and logic was converted to DB2 to all new front being implemented in Java

Software and Hardware: Cobol, IMS, zOS operating system, Telon, Windows XP, TSO/ISPF, IBM mainframe, DB2, JCL, SPUFI, Bluezone emulator, Panvalet, FileAid, QMF,Excel, Word

**Blue Cross Blue Shield Of Kansas – Topeka KS 03/11 to 08/11**

**Programmer Analysis/ System Analysis/Testing**

Responsible for performing analysis, programming and testing for a Claims Adjudication System using Cobol and PL1. I was also responsible for writing Cobol programs to create EDI 5010 segments for the 837 and 835 transaction. For the claims adjudication system the programs were written as Cobol and PL1 stored procedures and were executed via a Java browser.

Software and Hardware: Cobol, CICS, zOS operating system, Stored Procedures, Windows XP, TSO/ISPF, IBM mainframe, DB2, JCL, SPUFI, Lotus Notes, Smartest, IBM Personal Communications WorkStation emulator, Changeman, PL1, IMS

**United Parcel Service (UPS) – Portland OR 01/10 to 1/11**

**Programming/ Analysis/ Test Cases Support**

Responsible for performing analysis and programming for an Ocean Auto Rating System. This involved lots of analysis and writing Cobol programs as well coding using COOL:GEN/Allfusion..

I was also responsible for creating test cases for the Ocean Auto Rating System.

Software and Hardware: Cobol, CICS, zOS operating system, Windows XP, TSO/ISPF, IBM mainframe, DB2, JCL, SPUFI, Outlook, Microsoft Word, Xpediter, Attachmate, Changeman, COOL:GEN/AllFusion

**Archer Daniels Midland – Decatur, IL 08/09 to 11/09**

**Programming/ Analysis/Database Designer**

Responsible for performing analysis and programming for a Financial Application System. This involved writing batch programs to create reports and various other functions using Cobol/IMS/CICS, DB2 and SQL Server programs.

Software and Hardware: Cobol, IMS DB and DC, CICS, zOS operating system, Windows XP, TSO/ISPF, IBM mainframe, DB2, SQL Server, JCL, SPUFI, Datavantage, NETRON (similar to APS and Telon), CITRIX, Outlook, Microsoft Word, Xpediter, Attachmate

**Geico Insurance Company- Washington DC**  **09/08 to 7/09**

**Programmer Analyst/System Analyst/Developer**

Responsible for analysis, programming and testing of auto insurance Sales programs in the Internet Business Unit (IBU) and the Sales System interface to **Billing, MVR/CLUE, EPSS, OASIS Client**

**OASIS Sales Interface, CAU, EO, Marketing, Rating and IDOC**  functional area at GEICO. Programs were written in COBOL,,IMS DB/DC, DB2 and CICS. This job required lots of analysis as well as programming.

Software and Hardware: IBM zOS, Dell OptiPlex 745 PC, IBM Personal Communications Host Access emulator (similar to Attachmate), Endevor, TSO/ISPF, COBOL, IMS DB/DC, JCL, IBM Utilities ,MQ Series, Expediter, ,CICS, IOF, FileAid, MSProject, JIRA –bug tracking, issue tracking and project tracking tool

**Ohio Department Of Jobs And Family Services-**Columbus OH **11/07 to 7/08**

**(ODJFS) CRISE**

**Programmer Analyst/Business Analyst**

Responsible for analysis, programming and testing of Client Registration for assistance groups such as welfare, food Stamps, Medicaid etc written in COBOL,,IMS DB/DC and Telon. This job required lots of analysis as well as programming.

Software and Hardware:CICS, IBM zOS, HP PC, RUMBA and IBM (similar to Attachmate), COBOL, IMS DB/DC, JCL, Expediter, ,Telon, Flasher, FileAid .

**Blue Cross Blue Shield of Oklahoma** –Tulsa OK **08/06 to 10/07**

**Programmer Analyst/Business Analyst/**

Responsible for analysis, programming and testing of written in COBOL,VSAM CICS, ,IMS DB/DC and, DB2. This job required lots of analysis, constant user interface and a high degree of programming skills.

Software and Hardware:CICS, IBM zOS, HP PC, RUMBA and IBM (similar to Attachmate), COBOL, DB2, IMS DB/DC, JCL, Expediter, CICS, FileAid .

**Ohio Department Of Jobs And Family Services –Columbus OH 01/05 to 7/06**

**(ODJFS) MMIS**

**Programmer Analyst/Business Analyst/Test Environment Creator**

Responsible for analysis, programming and testing of Medicaid and Claims processing systems written in COBOL,VSAM ,IMS DB/DC and, DB2. This job required lots of analysis, constant user interface and a high degree of programming skills.

Software and Hardware:CICS, IBM zOS, HP PC, RUMBA and IBM (similar to Attachmate), COBOL, DB2, IMS DB/DC, JCL, Expediter, Flasher, SCLM, VSAM, FileAid .

**L-3 Vertex Aerospace (formerly part of Raytheon**) – Jackson MS **10/04 to 1/05**

**Programmer Analyst**

Responsible for analysis, programming, redesign and testing of payroll and account receivable/payable systems written in COBOL MARK IV,IMS DB/DC, DB2 and Telon. Some of these programs were as old as 25 years old and were full of “patches”. This job required lots of analysis, constant user interface and a high degree of programming skills.

Software and Hardware: IBM 3090, Dell PC, Hummingbird (similar to Attachmate), COBOL, DB2, IMS DB/DC, MARK IV, TELON, IDMS, QMF, MAX (similar to file Aid), JCL, CA7, INTERTEST (similar to Expediter), Librarian, DumpMaster (similar to Abend Aid), SDSF, FTP, IBM load utility for DB2.

**IBM NASCO – Columbus, OH 05/04 to 08/04**

**Business Analyst**

Member of a migration team responsible for analyzing NASCO Processing System (NPS) and migrating EDS MetaVance Administration and Finance managed care health system Membership and Billing functionality for Anthem BCBS.

Software and Hardware: Microsoft Excel, Microsoft Word, MetaVance Administration and Finance,

**Archer Daniels Midland – Decatur, IL 09/02 to 4/04**

**Programming/ Analysis/Database Designer**

Responsible for performing analysis and programming for a Commodity Management System/ Settlements. This involved analysis and modification to Cobol/IMS/CICS programs (most 20+ years old) as well as creating new IMS and DB2 programs.

Software and Hardware: Cobol, IMS DB and DC, CICS, ES-390, Windows NT Server, TSO/ISPF, eXaDAS, Quikjob, IBM mainframe, DB2 UDB, JCL, SPUFI, Datavantage, NETRON (similar to APS and Telon), CITRIX, Outlook, Microsoft Word, Xpediter

**Alabama Department of Public Safety – Montgomery, AL 4/02 to 08/02**

**Analysis/Designer/Programming**

Responsible for analyzing 20 years old Cobol/IMS programs for the Driver’s license Reinstatement and Accident Reporting systems. This involved rewriting COBOL/IMS programs that would write to a message queue (MQ series type processing) that could be read “on the PC application side”. The PC application used the data passed to it from the mainframe IMS database to display drives history and accident reports information over the intranet as well as in a window environment. This was accomplished on the PC side using Microsoft Host Integration Server (HIS), Visual basic and XML.

Software and Hardware: Cobol, IMS, IBM ES-390, Windows 98, Roscoe, Microsoft Word

**Missouri State Highway Patrol – Jefferson City, MO 07/01 to 4/02**

**Analysis/Designer/Data Analysis**

Responsibilities included meeting with managers and other users from the Missouri Highway Patrol to create data mappings and functional and program specifications for an automated accident reporting system that is to be used by local, regional and state agencies.

Software and Hardware: IBM ES-390, Cool:Gen 5.0, Windows NT, Extra Personal Client 6.5, CSE, Oracle, Microsoft Word, Microsoft Excel, Lotus Notes 4.6 email

**Chicago Mercantile Exchange – Chicago, IL 03/01 to 7/01**

**Programmer Analyst**

Responsibilities at the CME was developing and testing Cool:Gen code from written and verbal specifications.

Software and Hardware: IBM ES-390, Cool:Gen 5.1, CSE, Windows NT, Extra Personal Client 6.5, JCL, DB2, CICS, Microsoft Word

**Lowes – Wilkesboro, NC 11/00 to 03/01**

**Programmer Analyst**

Responsibilities at Lowe’s was developing and testing Cool:Gen code as well as writing specs the enhancement to be added to The Merchandising programs. Also responsible for writing specs for enhancements needed to the work management system.

Software and Hardware: IBM ES-390, Cool:Gen 5.1, Windows NT, Extra Personal Client 6.5, JCL, DB2, CICS, Microsoft Word, Excel

**Central & S.W. (CSW) AEP West – Tulsa, OK 07/00 to 11/00**

**Programmer Analyst**

Responsibilities as a developer/analyst included coding and testing Cool:Gen code to fix production problems and well as added enhancements to an existing work management scheduling system. Also responsible for making changes to Cobol and CICS programs and for writing specs for enhancements needed to the work management system.

Software and Hardware: IBM ES-390, Cool:Gen 5.1, CSE, Extra Personal Client 6.3, JCL, IDMS, DTF Cobol, DB2, CICS, Microsoft Exchange, Microsoft Word, Xpediter

**EDS – Plano, TX 04/00 to 07/00**

**Programmer Analyst**

Responsible for coding and testing client and server Prads (programs) which were to be used by BCBS and other insurance companies as part of a health care package (called MetaVance). Software and Hardware: IBM ES-390, Access ODBC, Windows NT, Cool:Gen 5.0/5.1, CSE, Oracle FTP, Internet Explorer, JCL, Guardien, Project InVision (PIV) (project and time tracking software), Microsoft Outlook and Microsoft Word

**Sabre - Ft. Worth, TX 11/99 to 03/00**

**Programmer Analyst**

Responsible for examining functional specifications and creating design specifications to be used by developer to code client server Prads (programs). Coded and tested client server prads from design specs. Helped create the user guide for the online Passenger Revenue Accounting System which I initially participated in the analysis and creation of.

Software and Hardware: IBM RS-6000, Unix, Windows 95, Cool:Gen 4.1a, CSE, Visual Basic, C/C++

**Kettering Medical Center – Dayton, OH 09/98 to 06/99**

**Programmer Analyst**

Duties at KMC were that of a “conversion developer”. This involved analyzing requirement to determine the fields and file layout for extract files that I create from reading IMS Databases and DB2. The resultant files created from these databases were “fed” (FTP) to IDX’s LASTWORD medical application software which runs on the TANDEM computer.

Software and Hardware: IBM ES-9000, TSO/ISPF, COBOL II, DB2, IMS DB, JCL, Windows 95, Xpediter

**School Employees Retirement System (SERS) - Columbus, OH 06/97 to 06/98**

**Test Tool Evaluator**

Responsible for installing and evaluating the following Client Server testing tool: Seque QA, Mercury Interactive, Compuware QA and Auto Tester. Upon completion of my evaluation of these tools I was required to present my results to the testing supervisor and her staff. The decision to buy the Seque QA tester was determined from these efforts. This was a client/server application.

***Training***

I was provided in house training, by the client, in COOL:GEN 4.1A and UNIX (AIX). The UNIX training emphasized it’s “integration” with COOL:GEN.,CSE

***Data Base Modeler/COOL:GEN Developer/COBOL“translator”***

My Initial task was the role of business system analyst. I wrote and analyzed information on the old and new business system that needed to be examined. Also attended numerous meetings with “users” of the current retirement system and discussed requirements for the new retirement system (NBS). From the information gathered, produced documents (specifications) and windows layouts for the disbursement portion of the new retirement system (NBS). Was transferred to the “mainframe conversion group”. In a nutshell, my task in the group was to “transform” Honeywell–Bull mainframe application using mainframe screens, IDS hierarchical/network databases, RDBC relational databases, with COBOL as the host language to a COOL:GEN, Client Server, Windows 95 “generated C++ application”. This required reading COBOL programs written for the Honeywell-Bull and “rewriting” the code using the CONSTRUCTION facility of COOL:GEN, as well as the use of the data modeling facility (BAA and TD) provided by COOL:GEN. The new application contained list boxes as well as performed addition, deletion and updating data from windows. This application required four client/server pairs (client prods and Server prods) and several CABS.

Software and Hardware: COOL:GEN 4.1a, UNIX (AIX), Windows 95, SYBASE, RDBC, COBOL, Autotester, Seque QA, Compuware QA, Mecury Interactive WinRunner

**Allegheny Power - Greensburg, PA 02/97 to 06/97**

### IEF/COBOL Developer

# Responsible for analyzing and creating CABS to retrieve, update, delete and add work order information for electric meters activities in the field. This required coding numerous PrADs, CABs, EABs, processes and. Cobol programs changes and addition. Testing was performed on the Mainframe as well as the PC.

# Software/Hardware: IBM ES-9000, TSO/ISPF, COBOL II, CICS, FILEAID, SPUFI, Windows 3.11, Xpediter

**Bath Iron Works (BIW) - Bath, ME 08/96 to 01/97**

**Programmer Analyst**

Duties at BIW involved maintenance and new development for Inventory control and MRP functions as well as limited interface with Arthur Andersen product MAC-PAC. Also responsible for .JCL 'conversion' from production environment to test environment. Performed some bar-coding logic for mainframe printing.

Software and Hardware: IBM ES-9000, TSO/ISPF, COBOL II, DB2, IMS DB, CICS, VSAM, JCL, FILEAID, Windows 3.11

**Kaiser Permanente - Los Angeles, CA 03/96 to 06/96**

### IEF/COBOL Developer

Responsible for analyzing and creating CABS to retrieve health plan purchaser information, these CABS were to be invoked by Cobol programs that interfaced to legacy systems. Testing was performed on the Mainframe as well as the PC. I was also responsible for analyzing Cobol programs for 'mapping' to new membership format**.** This was a client/server application

Software and Hardware: IBM ES-9000, TSO/ISPF, COBOL II, FILEAID, QMF, OS/2, Windows 3.11, EXCEL, LOTUS NOTES

**BlueCross BlueShield of Ohio - Cleveland, OH 05/95 to 01/96**

**IEF/COBOL Developer**

Responsible for analyzing and making changes to numerous PrADs, COBOL programs, external action blocks, foreign action blocks, screens and dialog managers. Testing was performed on the Mainframe. This was a client/server application

Software and Hardware: IBM 3090, Dell 433/L, IEF V5.2, IEF V5.3, TSO/ISPF, ROSCOE JCL, COBOL II, DB2, QMF, OS/2

**Northern States Power (NSP) - Minneapolis, MN 02/95 to 05/95**

**BSD and Construction Developer**

Responsible for analyzing and making changes to existing PrADs, Cobol with dynamic SQL, external action blocks, BSD action blocks, screens and dialog manager. Testing was performed on the Mainframe**.** This was a client/server application

Software and Hardware: IBM 3090, COMPAQ Deskpro 4

**Independence Blue Cross - Philadelphia, PA 04/93 to 01/95**

Duties included making enhancements as well new development and maintenance to existing Membership and ITS system using COBOL IMS DB/ DC, DB2, VSAM and other program tools.nd the testing and documentation of these programs as well as other parts of the system.

Software and Hardware: IBM 3090, TSO/ISPF, COBOL, IMS, MFS, DB2, Focus, BTS, IBM utilities, FileAid, IMS expert ,QMF

**American Express - Phoenix, AZ 02/93 to 04/93**

**BAA, BSD and CONSTRUCTION Developer**

Responsible for BSD and CONSTRUCTION phases of the system life cycle. This included creation of Process Action Diagrams (PADS) and Procedure Action Diagrams (PRADS), creation of DIALOG FLOW DIAGRAMS, PROGRAM ACTION BLOCKS (PABS), COMMON ACTION BLOCKS (CABS) This was a client/server application

Software and Hardware: IBM 3090, IBM model 90 486 PC, MS DOS, OS/2 v2.0, IEF v4.2

**Milwaukee County Depart. Of Public Works - Milwaukee, WI 10/92 to 02/93**

**BAA, BSD and CONSTRUCTION Developer**

Responsible for BSD and CONSTRUCTION phases of the system lifecycle. This included creation of Process Action Diagrams (PADS) and Procedure Action Diagrams (PRADS), creation of DIALOG FLOW DIAGRAMS and creation of SCREENS using the IEF tool. This was a client/server application. The function of the system was to manage all aspects of individuals involved in criminal acts**.** This was a client/server application

Software and Hardware: IBM 3090, COMPAQ 486/33 PC, MS DOS, OS/2 v2.0, IEF v4.2

**AT&T - Greensboro, NC 02/92 to 08/92**

**BAA, BSD, TD and Construction Developer**

Responsible for BAA, BSD, and CONSTRUCTION phases of the system life cycle. This included work on the Entity Relationship Diagram (ERD), creation of Process Action Diagrams (PADS) and Procedure Action Diagrams (PRADS), creation of DIALOG FLOWS DIAGRAMS and SCREENS DESIGN. This was a client/server application

Software and Hardware: IBM 3090, AT&T StarStation PC, MS DOS, OS/2 v1.3, Relay Gold

**Blue Cross Blue Shield - Chapel Hill/Durham, NC 08/91 to 02/92**

**Programmer Analyst**

Coded, tested implemented conversion code to migrate programs(17+) from IMS DB/DC to COBOL SQL DB2 PLATFORM.

Software and Hardware: IBM 3090, OS/MVS, TSO/ISPF, COBOL, IMS DB/DC DB2**,** SQL, QMF, MFS GENS.

**Depart. of Housing & Urban Development(HUD) - Washington, DC 04/91 to 07/91**

**Programmer Analyst/System Analyst/IEF BSD, TD and Construction Analyst**

Responsible for analyzing the interface of the PMCAS, SMIRPH, CDBG and OPC application systems to the new system being developed using IEF case tools. The new system was called The Minority Enterprise system (MBE). The PMCAS and SMIRPH systems were developed using IBM PCs, DBASE and CLIPPER. The CDBG system was developed using the UNISYS mainframe and the S2K database with an IBM PC subsystem interface. The OPC system was

developed using the UNISYS mainframe and the S2K Hierarchical Database. After analyzing the systems mentioned above I coded COBOL programs, one on the UNISYS mainframe and one on the IBM mainframe to use the data created by and for the 4 systems mentioned above. This data was used to create 17 DB2 tables which were used by the IEF developed MBE system. As an IEF BSD/TD/Construction Analyst/Programmer I was responsible for creating and making changes to Procedure Action Diagrams (PRADS) and Process Action Diagrams (PADS) using IEF under OS/2. Packaging, code generation and testing as initially done on the PC. Later on all development was switched to the IBM mainframe where the system implemented. Platinum software was used to created reports from the DB2 tables**.**

Software and Hardware: IBM 3090, VS COBOL II, Microfocus COBOL, IOF, OS/2, DOS, ISPF, DB2, DB2 Load Utility, CICS, JCL, UNISYS 1100, ECL, S2K Hierarchical Database, PLATINUM DB2 REPORT WRITER Software, NOVELL LAN NETWORK

**McDermott - New Orleans LA 12/90 to 04/91**

**Programmer Analyst/System Analyst**

Duties included programming and analysis for a legal system used by Resolution Trust Corporation (RTC), which is the agency that manages the takeover of the savings and loans under control of the federal government.

Software and Hardware: IBM 3090, VSCOBOL II, IOF, IDMS, CICS, DB2, INTERTEST

**AT&T (American Transtech) - Jacksonville, FL 09/90 to 11/90**

**Programmer Analyst**

Analysis for an INTEGRATED TELEMARKETING (IT)/DIRECT MARKETING SYSTEM (DMS). Program switching functions as well as Database read functions were performed using IMS DB and COBOL. Also wrote programs to do a pre-load data to be loaded and involved "tricky logic**".**

Software and Hardware: AMDAHL 470, COBOL, IMS, GROUP I Software

**Management Decision Systems (MDS) - Atlanta, GA 03/90 to 07/90**

**Analyst/Programmer Analyst**

Duties included extensive analysis and programming for a CREDIT APPLICATION SYSTEM using DB2, COBOL, Microfocus COBOL, Novell Network.

Software and Hardware: IBM 3090, TSO/ISPF, COBOL, MICROFOCUS COBOL PC-DOS, NOVELL NETWORK

**Nationwide Insurance - Columbus, OH 10/89 to 02/90**

**Programmer Analyst**

Coding, conversion, and maintenance of Microfocus COBOL programs for a Life Insurance Agency Office Automation system using DB2 and COBOL for a HMO system.

Software and Hardware: IBM 3090, TSO/ISPF, COBOL, MICROFOCUS COBOL, DB2, UNISYS B38, BTOS II, FORMS EDITOR, VM/CMS, ROSCOE, RJE LAN, APS

**Cincinnati Bell Information System - Cincinnati, OH 02/89 to 10/89**

**System Analyst/Designer/Programmer Analyst**

Duties included extensive analysis and design on the LMS/ALT system for Nippon Telegraph and Telephone (NTT) of Japan. This included making changes to functional system design which involved attending numerous meetings to "hammer out" process. After requirements were somewhat "ironed out", I began writing "detailed" specification for each program needed to meet the functionality of the portion of the system which I was working on, namely, Inquiry/Display build, which was basically a display of information about a telephone customer. Also coded two I/O modules on this project.

Software and Hardware: IBM 3090, ROSCOE, PROFS, VS COBOL II, IMS DC, MFS

**ARCO Alaska - Anchorage, AK 10/88 to 01/89**

**System Analyst/Programmer Analyst**

Duties included the analysis and programming, as well as testing of a purchased software package from ASI, Inc. This package (Purchasing and Material analysis for conversion efforts. My responsibility was to interface this system with the Prudhoe Bay Maintenance System and the

Kupurak River Unit Maintenance System. (PBMS and KRUMS). These systems were on-line

conversational systems that perform the same functions as a Bill of Materials system. After analysis was made, I was responsible for writing specs, programming from the specs, and then, testing the programs. My knowledge of CICS was reinforced as this system was originally written

as a CICS system.

Software and Hardware: IBM 3090, TSO/ISPF, IMS DB/DC, CICS, MFS

**MCI Telecommunications - Washington, DC 12/87 to 09/88**

**Programmer Analyst**

Responsible for performing analysis and coding using Cobol and DB2**.**

Software and Hardware: IBM 3090, TSO/ISPF, IMS DB, VS COBOL II, DB2, SQL, FILEAID)

**N. W. Pipeline Corp - Salt Lake City, UT 07/87 to 10/87**

**Programmer Analyst**

Duties MFS programs for a Gas Measurement System. Testing of these programs was executed using BTS.

Software and Hardware: IBM 3081, TSO/ISPF, COBOL, IMS, MFS, CICS, DB2

**Philip Morris - Richmond, VA 06/87 to 07/87**

**System Analyst/Programmer Analyst** -

Duties included the Analysis and Programming for Leaf Management System. Included mostly maintenance.

Software and Hardware: IBM 3081, TSO/ISPF, COBOL, IMS, MFS

**Federal Express - Memphis, TN 03/87 to 06/87**

**System Analyst/Programmer Analyst** -

Duties included responsibility for a CUSTOMER ORDER ENTRY DEVICE SYSTEM (COED), as well as rewriting of a two programs subsystem of the COED system.

Software and Hardware: IBM 3081, TSO/ISPF, COBOL, IMS, MFS

**United Technologies - East Hartford, CT 11/86 to 02/87**

**Programmer Analyst**

Duties included the coding of COBOL IMS, both DB and DC, programs in a Purchasing Integrated Paperless Procurement System (PIPPS). Testing of these programs was executed using BTS**.**

Software and Hardware: IBM 3090, VMS/SP, ISPF, CMS/XEDIT, COBOL, IMS, MFS ,Easytrieve

**Pennsylvania Blue Shield - Camp Hill, PA 04/86 to 11/86**

**Programmer Analyst**

Duties included the coding and maintenance of COBOL IMS DB and DC programs and the testing and documentation of these programs as well as other parts of the system.

Software and Hardware: IBM 3084, TSO/ISPF, COBOL, IMS, MFS

**Computer Science Corp - Sacramento, CA 01/86 to 03/86**

**System Analyst/Programmer Analyst**

Duties included the analysis from notes and conversation with users for a Medicaid/Medicare system. Working on the Management and Administrative Reporting Subsystem (MARS), with subordinate subsystem Home and Community Based Services (HCBS). My task included documentation, detail specification and coding in COBOL. This assignment required a 50 to 70 hours work week.

Software and Hardware: AMDAHL 470, IDMS, TSO/ISPF, COBOL, CICS

**IBM - Camp Hill, PA 09/85 to 11/85**

**Developer**

Duties included maintenance of COBOL IMS DB programs. Testing (unit and system) of the "supply subsystem". Preparing walk through packages for programs that I made changes to. Using ADF functions for viewing and updating the Master Supply Data Base. Creating copy library describing " meaning and function" of ADF transactions.

Software and Hardware: IBM 308X, TSO/ISPF, ADF, IMS, COBOL

**Commonwealth of Pennsylvania - Harrisburg, PA 02/84 to 07/85**

**Programmer/Analyst**

Duties included the coding of IMS DB/DC COBOL programs. Batch COBOL Programs. JCL for testing including external sorts, documentation, redesigning of parts of the on-line Automated Fuel Control system.

Software and Hardware:3084, TSO/ISPF, ADF, DCF, COBOL, MFS, IMS

**AT&T Tech. (Western Electric) - Reading, PA 10/83 to 02/84**

**Programmer Analyst**

Duties included the coding of IMS DB/DC COBOL program, including analysis, for a Shop Flow system.

Software and Hardware: IBM 3033, TSO/ISPF, COBOL, MFS, Easytrieve

**Martin Marietta Data Systems - Denver, CO 11/82 to 09/83**

**Senior Computer System Designer**

Duties included the coding and maintenance of existing IMS On-line COBOL programs for a CAPPS Payroll/Personnel/Labor Cost System. Coded or made changes to 12 programs. Limited Data Dictionary work.

Software and Hardware: IBM 3033, TSO/SPF, COBOL, IMS, MFS, REXX

**State of Utah Medicaid System - Salt Lake City, UT 04/82 to 10/82**

**Programmer/Analyst**

Duties included entering data element for the data dictionary, editing these elements and updating them; some COBOL modifications were made to existing Medicaid/Medicare "Claims" programs.

Software and Hardware: AMDAHL 470 V6, IDMS, TSO/COMPLETE, COBOL, CICS

**Collins Rockwell International - Cedar Rapids, IA 01/82 to 04/82**

**Programmer/Analyst**

Duties included the design, coding and documentation of programs. These were file matching, sorting and validations type programs. Some IMS maintenance.

Software and Hardware: IBM 3033, TSO/SPF, COBOL, IMS, MFS, CICS, SCOBOL

**Sperry Flight System - Phoenix, AZ 10/81 to 01/82**

**Programmer/Analyst**

Duties covered analyzing and coding programs in a Master Schedule System and an Invoice System. Changes were made to meet new system requirements; call to FMS8 database, splitting" reports to print relevant data at newly added site.

Software and Hardware: (UNISYS) UNIVAC 1100/42, EXEC8, CTS, COBOL)

**Chrysler - Detroit, MI 06/81 to 09/81**

**Programmer/Analyst**

Duties included attending meeting with users, design and developing MFS for on-line screens and COBOL programs.

Software and Hardware: IBM 3033, OS/MVS, TSO/SPF, COBOL, MFS, IMS

**Bethlehem Steel - Bethlehem, PA 01/81 to 05/81**

**Programmer/Analyst**

Duties included coding IMS programs and documentation for a Raw Material Accounting System.

### Software and Hardware: IBM 3033, TSO/SPF, COBOL, MFS, IMS, Mark IV

**Xerox - Rochester, NY 06/80 to 12/80**

**Programmer/Analyst**

Duties included coding inquiry programs, coding system balancing program, stripping data base for sequential processing and matching program.

Software and Hardware: IBM 3033, OS/MVS, TSO/SPF, COBOL, MFS, IMS

**Middle South Services - New Orleans, LA 01/80 to 06/80**

**Programmer/Analyst**

Duties included coding programs that assisted in tracking all field activities from initialization by customer to completion of job.

Software and Hardware: IBM 3033, OS/MVS, IDMS, TSO/SPF, PL/I, MFS, IMS

**Caterpillar Tractor Company - Peoria, IL 06/79 to 12/79**

**Programmer**

Laid-off with contemporaries because of extended strike by blue collar workers. Training included six weeks of structural programming, additional 40 hours of classroom JCL, 40 classroom hours of IMS, 40 hours of TSO and more including reformatting data; data classification; statistics; frequency tables and histograms for cross-files of data. COBOL programming for ad hoc queries from remote sites**.**

Software and Hardware: IBM 3033, OS/MVS, TSO/SPF, COBOL, MFS, IMS

**Gulf Southern Research Institute – New Orleans, LA 01/78** **to 05/79**

**Computer Programmer**

Programmed in FORTRAN on Hewlett-Packard HP-2000 system which included the HP- and Data System 20. Created a master personnel file with payroll information including sick leave, overtime, and more. Programmed to support transaction processing applications and report generation.

Software and Hardware: HP-2000, FORTRAN