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All program code on this website has been modified for security.

TITLE

OBJECTIVE
System Programmer - Business Analyst - Analyst/Programmer - Project Management

Systems:
CICS systems and applications - VTAM/NCP MQSeries TCAM BTAM networks - IMS DB/DC systems and
applications - z/OS and OS/390 2.10 Parallel Sysplex systems with OSS (UNIX) partition - DB2 systems
and appliations - DFSMS ACS routines - DFSMSdss - DFSMShsm - EMC DASD - ESCON Storage Directors - GRS - HCD - ICKDSF - IPCS - JES2/NJE - PROSMS and Hipercache - SDSF - SMP/E - TSO/ISPF

Performance Tools:
ASTEX DASD Monitor - Classic OMEGAMON - INSIGHT for DB2 - IBM IMS Monitor - Mainview for z/OS
OS/390 - MXG - OMEGAMON II for z/OS OS/390 CICS DB2 MQ - RMF - SMF - TSOMON

Languages and Macros:
COBOL (IBM) - DB2 SQL - HLASM (high level assembler) and 370/ALC (assembler) - IMS/DLI - PL/I -
REXX - HTML - CLISTs - Data Management Macros - ISPF Dialog Manager Panels and JCL Skeletons -
JCL and Procedures - LE (Language Environment) - Supervisor Macros Authorized and Non-Authorized -
VSAM Macros

Compuware Products:
AbendAID with DB2 option - File-AID DataAger - File-AID Data eXpert - File-AID DB2 - File-AID IMS - FileAID MVS - Shared Services - Xpediter/FX CICS - Xpediter/Plus Windows - Xpediter TSO - Xpediter/Xchange

Computer Associates Products:
CA/1- CA/7 - CA/11 - CA/CCI under VTAM and TCPIP - CA Deliver - CA/Dynam - CA Easytrieve Plus - CA/Endevor Lserv - CA/MIM - CA OPS/MVS II - CA Panvalet - CA/Realia Workbench for MVS Batch and CICS Host Test Option - CA Spool - CA Telon - CA/TLMS - CA TNGFW (CA90s) - CA/View -

CA/Vman - ROSCOE

Other ISV Products:
BMC IMS utilities - Changeman - Connect:Direct (NDM) - Control-D - Docutext - DOC1 for XEROX printers - FDR/ABR - IOF - JHS - JCLSCAN - Jobscan - Parallel Data Mover on MVS and AIX (UNIX) platforms - Platinum DB2 utilities - Sunrise Disaster Recovery - Syncsort - VPS

PC Languages and Software:
8086 assembler - PC BIOS - PC DOS Interrupts - Lotus SmartSuite - MS Office - MS Project - Outlook Express -PowerPoint - Quicken - VISIO - Visual Basic - Websphere Home Page Builder - Windows XP

AVAILABILITY
May 1, 2003 - Contract or permanent anywhere in the US

WORK STATUS
US citizen

EXPERIENCE

System Programmer / Technical Analyst-Programmer contract assignments, Compustar Data Systems Corporation, Dallas, Texas, 06/96 - present

Mainframe Language Conversion Specialist, H.E. Butt Grocery Co., San Antonio, Texas
Technical Consultant for a Mainframe Language Conversion Project. Prepared an application program inventory by developing **HLASM (assembler) programs with LE (Language Environment)** to read Changeman datasets, SMF, DB2 data and External Analyzer program output. Produced inventory reports which correlated source with load module libraries, identified the owning application system, the frequency of program execution, execution JCL job streams, called modules contained within programs, program language type and version and, recommended conversion strategies. The inventory consisted of OS/VS COBOL, OS COBOL II, IMS MPPs, IMS BMPs, IMS ADF, CICS transactions, DB2, CA Easytrieve, CA Telon, FOCUS, assembler programs and GEAC financial packages which were to be converted to Enterprise COBOL with Language Environment (LE) to upgrade to z/OS operating systems.

IMS DB/DC OS/390 System Programmer, Levi Strauss, West Lake, Texas
Supported five IMS DB/DC V7 regions. Applied IMS SMP/E maintenance to update IMS from a 1999 maintenance level. Implemented IMS performance enhancements (long term page fixing, buffer tuning, data set placement, RECON dataset cleanup) which reduced month end IMS batch processing from 32 hours to 24 hours. In addition to IMS, supported CA/1, CA/7, CA/11, CA TNGFW, CA Easytrieve Plus (implemented latest version), CA/Endevor, CA OPS/MVS, CA Panvalet, CA Spool, CA Telon, Control-D, Docutext, IOF, FileAID/IMS, JCLSCAN, JHS, Jobscan, MXG and SAS on OS/390 2.10 LPARs.

CICS System Programmer, Tarrant County, Ft. Worth, Texas
Analyzed the processes involved in removing 104 CICS programs that performed input/output and security validation on behalf of 1400 CICS transactions and GEAC applications to eliminate problems when migrating to new CICS releases. Coded 370/ALC assembler programs and **COBOL IMS DL/I programs** that read IMS and DB2 databases to extract security information and created flat files with information to convert to Top Secret security rules.

IMS System Programmer, MQ and DB2 Backup Support, TXU Business Services, Mesquite, Texas
Generated 9 new IMS/DB regions with CICS and DB2 threads to support utility deregulation processing. Singularly supported 17 IMS regions on 5 OS/390 2.10 and z/OS 1.1 LPARs with shared

databases and IRLM maps in a parallel sysplex coupling facility. Applied SMP maintenance current to within 90 days. Resolved problems (hung BMPs, **insufficient private area space** , transaction abends) by reading SYS1.DUMPs, CICS transaction dumps and traces to identify the point and cause of failure. Installed current versions of File-AID/IMS and BMC utilities. Supported Data Base Administrators and programming staff. Backup support for MQSeries and DB2.

370/ALC Developer, Monitors and Automation Products, Candle Corporation, Dallas, Texas
Coded 370/ALC modifications for AF/Operator which provided capability to enter IMS commands with generic parameters, e.g., command /xxxx DBR PAY* would close all databases with DBD names that began with "PAY" prior to performing a log switch. Coded fixes for user reported problems.

REXX ISPF Developer, CICS and DB2 Functions, State of North Dakota, Bismarck
Coded REXX programs and TSO/ISPF Dialog Manager panels/JCL skeletons to convert user-written ROSCOE RDF programmer productivity tools as part of a ROSCOE elimination project. Coded REXX programs and ISPF panels/JCL skeletons to generate batch JCL for jobs that performed DB2 binds and moved CICS transactions into production. Coded TSO EDIT macros which enforced JCL standards. Coded various other sundry programmer productivity tools using REXX and ISPF Dialog Manager panels/JCL skeletons. Successfully migrated the applications and system programming staffs off of ROSCOE and onto TSO/ISPF after two previous attempts failed to do so and prior to having to renew the ROSCOE license for a $250,000 per year savings in license fees.

OS/390 System Programmer, IBM Global Services, Dallas, Texas
Applied SMP toleration maintenance to outsourced client LPARs (Dr. Pepper, TIG Insurance, Moneygram, Reebok, BICC Cable) on systems ranging from MVS 4.2 to MVS 5.2 in preparation for converting to OS/390 2.6. Installed **CA OPS/MVS II and converted operations automation from CA/Automate** Implemented System Automation/390 and coded system startup/shutdown rules. Installed new versions of the following program products: **CA/7** , CA/11, CA90s (all features), CA/Deliver, CA/Dynam, **CA/TLMS** , CA/Endevor, CA/View, CA/Vman, FDR/ABR, Syncsort to upgrade clients from unsupported releases. Supported client CICS Y2K testing (Moneygram) and provided level 2 support to other system programmers.

OS/390 System Programmer, Saks Fifth Avenue, LRI, Addison, Texas
Applied SMP toleration maintenance on MVS 4.3. Established a shared DASD and shared ICF catalog environment between production MVS and OS/390 2.6 test LPARs. Migrated JES2 definitions to OS/390. Installed multiple Y2K compatible IBM and ISV products.

OS/390 System Programmer, Tricon Global Restaurants, Dallas, Texas
Installed Y2K programmer productivity tools including Compuware Shared Services, Xpediter/FX for CICS, Xpediter/Plus for Windows, Xpediter/TSO, Xpediter/Xchange, AbendAID with DB2 option, File-AID DataAger, File-AID Data eXpert, File-AID for DB2, File-AID for MVS.

OS/390 System Programmer, REXX Developer, Computer Sciences Corporation Financial Services Group, Dallas, Texas
Converted a single MVS/ESA 4.2 image on a 3090/400E to two OS/390 1.3 LPARs on a 4341. Installed OS/390 from a ServerPac. Converted to HCD, defined and maintained the I/O configuration. Implemented EMC DASD support and a shared DASD and tape environment using CA/MIM and coded the MIM shared resource definitions. Implemented SMS and DFSMShsm on OS/390. Installed a CICS test region, RACF, multiple ISV program products and Y2K application programmer test tools. Coded REXX programs with TSO/ISPF Dialog Manager panels/JCL skeletons to convert a VM user community non-IBM print capability to OS/390 routines which interfaced with VPS in connection with a VM elimination project. The routines displayed queued output jobnames and provided the user with capability to route the output to the desired non-IBM VPS printer.

MVS System Programmer, MBNA Hallmark Information Services, Addison, Texas
Installed CA/Realia Workbench for MVS Batch and CICS Host Test Option, CA/CCI under VTAM and TCP/IP with mainframe services to PC clients, Parallel Data Mover on MVS/ESA and AIX, VIA/Center,

Plan2000, HLASM, CA/EZtrieve, CA/Examine, DOC1 for XEROX printers, LE/370, PROSMS and Hipercache, Endevor, JCLCHECK and COBOL compilers. Coded 370/ALC user modifications for Connect:Direct DMGSAF exit which prohibited production datasets to pass through a test NDM system, coded a 370/ALC CA/MIM API interface and modified 370/ALC Sunrise disaster recovery routines. Developed foils for a CA/Realia management presentation which educated programmers on the various components of CA/Realia, the communication links between the mainframe and PC workstations and, subsequently gave the same presentation to groups at CA World as a guest speaker. **Click on this line to read a letter regarding the work performed on this assignment.**

Lead MVS System Programmer, Federal Reserve Automation Services, Dallas, Texas, 01/96 - 06/96

One of two persons who supported 31 MVS/ESA 4.3 through MVS/ESA 5.2 LPARs and a Dallas disaster recovery site for Richmond. Maintained HCD and IOCP hardware definitions and a DASD configuration on 12 ESCON directors. Assisted in the installation of the first parallel sysplex complex.

System Programmer, Technical Analyst-Programmer contract assignments, 12/93 - 12/95

IMS DBA/ REXX Developer, Federal Reserve Bank of Dallas
Developed **REXX programs** which displayed and accepted parameters from **ISPF Dialog Manager panels** and substituted variables in **ISPF Dialog Manager JCL skeletons** to create **IMS Image Copy batch job JCL** and other IMS and DB2 utility jobs (backup/restore, pointer checker, et cetera). The programs provided capability to generate jobs with existing or new dataset name standards in preparation for merging regional data centers.

IMS DB/DC Programmer/Analyst, Metromedia Restaurants, Dallas, Texas
Resurrected an IMS DB/DC to CICS/DC IMS/DB conversion project which was dormant for two years. By comparing the load module link dates with the source member last modified dates in Librarian, documented the current production application online environment. This research established all but fifteen programs converted in the original effort had not been modified in production during the dormancy period. Developed a presentation that apprised management of the status of all IMS/DC programs including which programs requiried further conversion in order to incorporate changes that were not carried over from production. Developed a conversion methodology and wrote/documented conversion programming examples that were distributed to the application programming staff.

370/ALC VSAM Programmer Analyst, MBNA, Addison, Texas
Analyzed 370/ALC CICS online transactions and used waterfall methodology to document the paths to and processes in existing credit card Non-Sufficient Fund payment processing as a prelude to designing new processes to recapture interest charges when a payment was made with non-sufficient funds.

MVS and RACF System Programmer, Campbell Taggert, Dallas, Texas
Supported MVS/ESA, CICS systems, RACF security rules, IOF, FDR and performance monitors during a period when the employees voluntarily left after the company announced the facility was moving to St. Louis. **Click on this line to view a letter regarding the work performed on this assignment.**

MVS System Programmer, Mobil Oil, Dallas, Texas, 10/88 - 11/93

Initially joined the company to move Mobil's data center when they were in the process of building a new facility. Developed seven **370/ALC (assembler) programs** that automated the processes of unloading and restoring the DASD. Reduced the actual move time from an anticipated 25 hours to 7.5 hours by writing 370/ALC modules which:

(1) analyzed the DASD I/O configuration and the amount of used space on each volume by reading MVS control blocks
(2) determined the DASD unload order and distributed the workload across CHPIDs for performance and, divided the unload jobs into multiple "shipments" which was triggered by a user specified "shipment time" parameter in order to overlap unload operations at the sending center with restore operations at the receiving center, i.e., shipment #2 would be unloading at the sending site while the receiving site was restoring shipment #1
(3) simulated unload operations to project the time required to move the data based on the number of output cartridge drives and also produced a graph depicting the unload order and unload time for each volume (a management requirement)
(4) created the unload job JCL by substituting variables into a JCL mask which executed either DFDSS, FDR or any standard unload/restore utility and stored the unload job JCL in separate PDSes for each shipment
(5) created a master JCL member in each unload shipment PDS to allow the operator to spool all unload jobs in a shipment to the JES internal reader with one command while retaining the capability for the operator to restart any individual unload job for restart.
(6)read the MVS control blocks as the second step in the unload job to extract the unloaded cartridge volume serial numbers and dataset name and substituted these values into a JCL mask which was then written to a restore shipment PDS member. The restore job was comprised of two jobsteps which (a) cataloged the restore tapes at the receiving location and (b) executed the restore utility. The restore shipment PDS was unloaded with IEBCOPY after all unload jobs in a shipment completed and was taken, with the unload cartrdiges, to the receiving site where an IEBCOPY utility job downloaded it.
(7) At the receiving site, the operator entered one command that submitted a master job which spooled all restore jobs in a shipment to the internal reader while retaining capability to submit individual restore jobs for restart.

In addition to using the system to move the Dallas center, the same system was used in London to move the Maidstone data center. During testing, London verified the DASD unload simulator, referenced in item 3 above, projected it would take **140 minutes to unload 51 DASD volumes and the actual unload time was 136 minutes** with the same results being achieved in a second test.

After the Dallas move was complete, was assigned to the MVS system programming staff to install and support MVS operating systems and program products. Responsible for ASTEX DASD monitor, TSOMON TSO monitor, and Omegamon II for MVS monitor installation and performance/tuning. Reported a TSOMON APAR where halfword counters were overflowing due to accumulating counts for the TSO PC file transfer program. The problem was subsequently fixed by the vendor implementing fullword counters in later releases. Reduced performance monitor overhead resource utilization from 13% CPU utilization per LPAR to 5% per LPAR.

Submitted eight proposals in connection with a Quality Improvement Program one of which was adopted by management. The adopted proposal was to merge the Northeast (New Jersey) and Southwest (Dallas) centers which management published would result in a $23.5 million per year savings (decreased hardware, software, personnel and other related costs). As a prelude to the merger, benchmarked GRS which was used in New Jersey versus CA/MIM which was used in Dallas. Subsequently converted to CA/MIM for a resultant 1004% reduction in processing time. The system I developed, above, was turned over to DASD management to move the Northeast center to Dallas and was subsequently used to move ten other data centers.

Lead MVS VM Project System Programmer, Peer Services, 08/87 - 09/88

Led a team of five MVS Operating System Programmers. Singularly relocated a VM system from Phoenix to Dallas in preparation for building a new data center in Phoenix. Intergrated VM into the MVS environment using a VM RSCS link to send output to the MVS system and implemented hyperchannel connectivity to support remote tape and print operations in Phoenix.

System Programmer contract assignments, 8086 PC BIOS Product Developer, Aaron Associates, Inc., Dallas, Texas, 04/81 - 07/87

8086 Assembler PC/BIOS/DOS Product Developer
Designed, coded, documented and singularly marketed a 25 program system that matched job applicants with employer job orders. Obtained an IBM marketing agreement for the system, Agent Hunter, which IBM stated was the first system written for their PC by a technician. The system performed full screen I/O (prior to Windows) by using PC BIOS to build screen images in the video buffer and then activating the display pages (a maximum 3 pages could be written to the video buffer). Data was stored in variable length files (to a maximum of 64K) each of which contained variable length record sections. The system built alternate search indexes for files which were stored in primary skill ordered subdirectories.

The system also archived the less active files to floppy diskette. By searching the indexes for key words, a match was made for candidates which had all of the skills or any subset of the skills with one primary skill required. The user could view the complete file from the search screen by fetching it up with a PF key. In the event the file had been moved to floppy, the user would receive a message which identified which floppy to mount in the diskette drive. Trained client users included Arthur Andersen Consulting, City of Dallas and medical placement agencies.

CICS VTAM/NCP System Programmer, Zale Corporation, Dallas, Texas
Documented the network configuration which included point-of-sale bisync terminals and added SDLC POS dialup terminal support using a pool of ten lines. Installed the initial Network Control Program for the first communications controller.

IMS DB/DC System Programmer, Dresser Industries, Richardson, Texas
Supported an IMS DB/DC network with 370/ALC TCAM line handlers. Identified and resolved problems when installing new TCAM versions (program dependent byte counters were changed to counters that contained the number of halfwords in a new release).

370/ALC VSAM Developer, Image Sciences, Dallas, Texas
Designed and coded 370/ALC modules that passed over text data stored in VSAM datasets, "hashed" the record contents and stored the results as bit maps in VSAM relative record datasets. This provided a search mechanism whereby all VSAM records containing a string of no less than 8 characters could be found by searching the bit maps as opposed to reading the entire dataset. The system was used to store publications on disk and search for "key phrases" in order to resolve contradictions between marketing literature and contract documents. **Click here to read a letter regarding the work performed on this assignment.**

TCAM System Programmer - CICS/DLI Programmer Analyst, Parkland Hospital, Dallas, Texas
Supported a CICS hospital terminal network with 370/ALC TCAM line handlers. Coded CICS IMS/DLI programs for the Patient Care System which was subsequently marketed by IBM.

SNA VTAM/NCP System Programmer, RepublicBank Dallas (now Bank of America), 01/79 - 04/81

Installed the bank's first VTAM NCP program products and converted TSO/TCAM and IMS bisync 3270 terminal definitions to VTAM/NCP.

Operating System Engineer, EDS, Dallas, Texas, 04/77 - 12/78

Coded 370/ALC modifications to JES2/NJE one of which added checkpoint/restart capability to MVS/NJE in order to communicate with a SHARE tape MVT network. This removed an obstacle which prevented converting to MVS in that dispersed application systems were supported at one center and dumps were transmitted via the network for problem determination and resolution. The mod

consisted of adding code to HASPRTAM to hang a checkpoint JOE off the JCT, count the transmission lines and post the checkpoint processor when a given line count was exceeded. It also involved modifying HASPINIT to recover the checkpoint records during a restart. Without this modification, MVS would discard the partial transmission expecting it to resume from the beginning and MVT would resume at the point of interruption.

Other 370/ALC modifications included changing JES2 to issue RACF calls which invoked a user written security system, SAC, which EDS subsequently marketed. Coded 370/ALC user macros which were included in JES2 to define and enforce JCL standards as well as other modifications to carry forward user written MVT/HASP capability to MVS/JES2. Defined and implemented the initial TSO/TCAM network to replace a user written productivity tool for the system programmers.

Lead TCAM / BTAM Network System Programmer, Chrysler USAMG, Detroit, Michigan, 05/71 - 03/77

Coded a multitasking 360/ALC OS BTAM line handler as part of the conversion from DOS to OS/MFT. The line handler polled and enabled 55 start/stop lines with 1050 dedicated and dialup terminals, TWX 33/35 dialup terminals and also had an offline input facility to load plant tapes to a flat file, queue messages and pass them to multitasked 370/ALC programs that called COBOL transaction processing programs. The terminals were located in the manufacturing plant production control departments and at remote supplier sites where users maintained an online inventory of parts on hand and in transit.

Subsequently converted the network from 360/ALC BTAM to **360/ALC TCAM line handlers** when adding 3270 bisync support. The TCAM line handlers prefixed the message with the expected message header prior to queuing. A 360/ALC reformat module read the queued 3270 message, reformatted the data to a TWX message format and multitasked a 360/ALC interface which called the COBOL transaction programs to prevent having to rewrite the COBOL programs for new device types. An outbound 360/ALC reformat module accepted the TWX reply from the COBOL programs, reformatted the response for the 3270 display and queued the response which was then passed to a TCAM line handler that controlled 3270 terminals. Led three other developers who assisted with the 3270 bisync/TCAM conversion. Supported a 360/ALC file transmission and compression program that sent bulk files (tapes) between corporate data centers.

Lead Operating System Programmer, Kresge/K-Mart, Troy, Michigan, 04/70 - 05/71

Converted DOS operating systems to MFT and led a team of five system programmers who supported MFT operating systems and all related products.

MVT Operating System Programmer, PL/I Application Programmer/Analyst, General Motors Assembly Division, Warren,Michigan, 03/67 - 03/70

Wrote General Motors' published Three months after joining the company, was assigned the task of **researching and writing General Motors' PL/I programming conventions for MVT systems.** Published in excess of **seventy PL/I conventions** each of which contained multiple programming examples to perform the same processing with a recommendation as to which technique should be used for performance. Primary contact for the application programming staff to resolve language issues. Conducted OS/JCL and PL/I classes for application programmers.

Worked in a technical support capacity rotating through all shifts in operations. After completing the shift rotation, generated MVT and DOS operating systems.

EDUCATION

Completed 35 hours classroom study required for PMI PMP certification, UTD, 2002
B.A., Wayne State University, Detroit, Michigan
A.A., Macomb College, Warren, Michigan

ADDITIONAL INFORMATION

Designed and maintain this website.