

Company **DIVAPROGRAMMER, LLC, Columbia, SC**

October 2012 – Present

Tools Utilized IBM zOS, TSO, JCL, Cobol 390, IDMS, ADSO, IDMS Server with SQL Option

- **Application Summary:** MMIS is the Medicare Management Information System for SC
- **Responsibility Summary:** Provide production support and enhancements to MMIS as mandated by the federal government and the SC department of health and human services.

Company **BLUE CROSS BLUE SHIELD, Columbia, SC**

September 2006 – September 2012

Position Title Applications Analyst II

Tools Utilized IBM OS/390, TSO, JCL, Cobol 390, VSAM, DB2, CICS, MS Access, MQ Series

- **Application Summary:** *Bluelink* is an enterprise application which processes medical claims submitted by healthcare providers all over the world for Blue Cross Blue Shield health insurance customers regardless of where the member resides and where they receive treatment. This application includes both batch and online programs written in COBOL utilizing CICS, DB2, MQ Series and OS/390 Connect Direct.
- **Responsibility Summary:** 1) User and production support, analyzing problems, coding and testing new programs or changes utilizing COBOL, DB2, IMS and MQ Series. 2) Designed and developed an application to generate the jobs required to build batch test regions. This required numerous meetings with the design team and application areas to ensure the end product would work for everyone. *It also involved creating design flow diagrams starting at a high level and then drilling down to the detail as functionality was established.* 3) Worked on Claims Strategic Development projects, for most of the past two years, with the IPPT group. This assignment involved coding and testing batch programs to allow expansion of field sizes, and changing programs to utilize I/O modules to access batch files, MQ queues and IMS databases. These programs utilize COBOL, APS, IMS, DB2 and MQ. One assignment involved changing customer Easytrieve programs which involved working directly with multiple customers to obtain requirements and validate test results. 4) Designed an automated MQ tracking application which would capture activity by simply setting a parameter of the “PUT” function and utilizing MQ’s Confirmation of Delivery feature.

Company **COMSYS, Denver CO**

November 2007 – January 2008

Client / Industry State of Iowa Department of Health Services

Position Title Consultant

Tools Utilized IBM OS/390, TSO, JCL, Cobol 390, IDMS, ADSO, IDMS Server with SQL Option

- **Application Summary:** *SACWIS GUI* is a project which converts ADSO dialogs to .Net programs, IDMS Table Procedures and ADS SQL procedures, for a child welfare application.
- **Responsibility Summary:** Worked part-time to develop IDMS Table procedures and ADS SQL procedures which will be called by .Net programs to display information on GUI screens.

Company DELTANET / Delta Dental / EDS, IT Service Providers, Rancho Cordova, CA
 January 2004 – September 2006

Client / Industry California Department of Health and Human Services, Medicare Dental Insurance

Position Title Senior Programmer / Analyst

Tools Utilized IBM OS/390, TSO, JCL, Cobol II, VSAM, File-aid, IDMS, ADS/O, Debugger, Culprit

- **Application Summary:** *California Dental Medicaid Management Information System (CD-MMIS)* is a Legacy sub-system which processes dental claims submitted by Medicare dental service providers in California. This sub-system includes both batch and online programs written in COBOL and ADS/O utilizing an IDMS database.
- **Responsibility Summary:** 1) User and production support, analyzing changes, documenting technical requirements, coding and testing new programs or changes utilizing COBOL and ADS/O. 2) Designed and developed the back-end of an enterprise web application which used Java, IDMS Server, SQL Option, COBOL and ADSO. *Ensured transactions from the web matched the split-second speed we got from the mainframe (green) screens.*

Company INFORMATIX, INC., IT Service Provider, San Francisco, CA
 June 2003 – January 2004

Client / Industry California Department of Child Support Services (DCSS), Child Welfare

Position Title Senior Programmer / Analyst

Tools Utilized IBM OS/390, TSO, JCL, Cobol II, VSAM, File-aid, IDMS, ADS/O, ADS Alive, Easytrieve Plus

- **Application Summary:** *CASES (Computer Aided Support Enforcement System)* is a Legacy sub-system which tracks Child support payments for the counties in California. This sub-system includes both batch and online programs written in COBOL and ADS/O utilizing an IDMS database.
- **Responsibility Summary:** Responsible for user and production support, analyzing changes, documenting technical requirements, coding and testing new programs or changes utilizing COBOL and ADS/O. Also, produced user requested adhoc reports, using Easytrieve Plus, to aid in fraud investigation.

Company KEANE, INC., IT Service Provider, Houston, TX
 September 1998 – April 2003

Client / Industry Williams Gas Pipeline, Gas Pipeline Transportation

Position Title Programmer / Analyst / Team Lead

Tools Utilized IBM OS/390, MVS, TSO, JCL, Cobol II, VSAM, File-aid, IDMS, ADS/O, Debugger, Culprit, CICS, DB2

- **Application Summary:** *Gas Transportation Scheduling* is a Legacy sub-system which tracks the amount of gas requested by a customer to the volume actually assigned after determining contract entitlement and a number of regulatory factors. This sub-system includes both batch and online programs written in COBOL, CICS and ADS/O utilizing an IDMS and DB2 databases.
- **Responsibility Summary:** Responsible for user and production support, analyzing changes, how programs and jobs will be impacted, determining required database changes and working with DBA to implement them, writing specifications for program changes, coordinating the efforts of other programmers and performing quality assurance to ensure that Williams standards are being adhered to and the terms, in the service agreement between Keane and Williams, are being met, optimizing performance by ensuring database records are being accessed in the most efficient manner and coding and testing both online and batch programs to accommodate new requirements.

Company **S.L. COMPUTER SERVICES, IT Service Provider, Houston, TX**
September 1997 – September 1998
Client / Industry Browning-Ferris Industries, Waste Disposal
Position Title Programmer / Analyst
Tools Utilized IBM MVS, TSO, JCL, Cobol II, File-Aid, IDMS, ADS/O, Debugger, Endeavor, VSAM

- **Application Summary:** *Medical Waste Tracking* was a sub-system which captured and reported information on containers of various types of medical waste from the time it was picked up to when it was disposed.
- **Responsibility Summary:** Coding, testing and implementing both new and existing batch and online program changes to accommodate user requirements and/or production problems.

Company **WILLIAMS GAS PIPELINE, Gas Pipeline Transportation, Houston, TX**
March 1997 – September 1997
Position Title Senior Staff Systems Analyst
Tools Utilized IBM MVS, TSO, JCL, COBOL II, File-Aid, IDMS, ADS/O, Debugger, VSAM

- **Application Summary:** *Transit Scheduling Confirmation* enabled customers to confirm and adjust their requested volumes of gas, to be transported on Williams’s pipeline, for a specific day.
- **Responsibility Summary:** Designed and developed a new application, which accepted customer-entered adjustments, to previously uploaded gas scheduled volumes. This assignment involved finalizing online screen format and content, determining batch requirements, adding new required fields to database and modifying all impacted programs to update them, coding and testing new batch and online programs to process customer entered information and modifying online dialogs to alleviate dead-locking problem once application was in production.

Company **KNOWLEDGE TECHNOLOGY, IT Service Provider, Houston, TX**
June 1995 – February 1997
Client / Industry Williams Gas Pipeline / Gas Pipeline Transportation
Position Title Programmer / Analyst
Tools Utilized IBM MVS, TSO, JCL, Cobol, File-Aid, IDMS, ADS/O, Debugger, Excel, CICS, DB2

- **Application Summary:** Journal Entry subsystem captured journal entries, from the various company departments, by file transferring contents of Excel spreadsheets to the mainframe and producing financial statements.
- **Responsibility Summary:** Provided production support and coded and tested changes and enhancements to batch and online programs to accommodate new requirements as dictated by users and government regulations.

Company **ECOM – Elite Computer Consultants, Houston, TX**
January 1995 – May 1995
Client / Industry Browning-Ferris Industries, Waste Disposal
Position Title Programmer / Analyst
Tools Utilized IBM MVS, TSO, JCL, Cobol, File-Aid, IDMS, ADS/O, Debugger, Endeavor, VSAM

- **Application Summary:** *Medical Waste Tracking* was a sub-system which captured and reported information on containers of various types of medical waste from the time it was picked up to when it was disposed.
- **Responsibility Summary:** Coding, testing and implementing new batch and online programs to complete development of application.

Company **KNOWLEDGE TECHNOLOGY, IT Service Provider, Houston, TX**

October 1994 – January 1995

Client / Industry ERNST & YOUNG / Computer Aided Auditing

Position Title Programmer / Analyst

Tools Utilized IBM PC, DBASE III, Excel, Windows, AS/400, COBOL/400 and CLP

- **Application Summary:** Utilize appropriate hardware and software tools, based on volume of data to be analyzed, to perform accountant dictated processing.
- **Responsibility Summary:** Provided documentation of computer processing which matched accountant manual procedures. Also, coded and tested instructions to read files of data and summarize according to detailed instructions provided by auditor.

Company **AMERICAN NATIONAL INSURANCE CO., Health Insurance, Galveston, TX**

February 1994 – October 1994

Position Title Senior Programmer/Analyst

Tools Utilized IBM MVS, TSO, JCL, Cobol, PL/SQL, RPG/400, COBOL/400, CLP

- **Application Summary:** Health Insurance Policy Administration.
- **Responsibility Summary:** Provided user and production support by coding and testing changes to existing batch programs utilizing RPG/400 and COBOL/400. Also coded and tested new batch programs, utilizing COBOL and PL/SQL, to update DB2 database for a prescription drug card application.

Company **ECOM – Elite Computer Consultants, Houston, TX**

August 1993 – January 1994

Client / Industry Apache Corporation, Oil & Gas Operations

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, JCL, Cobol, File-Aid, IDMS, ADS/O, Debugger, Easytrieve, VSAM

- **Application Summary:** Property acquisition.
- **Responsibility Summary:** Coded and tested changes to existing batch and online programs to accommodate requirements dictated by property acquisitions. Also, converted a Focus sub-system to COBOL and Easytrieve.

Company **COMPLETE BUSINESS SOLUTIONS, IT Consultants, Farmington Hills, MI**

June 1992 – August 1993

Client / Industry Kelly Services, Temporary Employee Services Provider

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, JCL, Cobol, File-Aid, IDMS, ADS/O, Culprit, VSAM

- **Application Summary:** Payroll, Billing, Accounts Receivable, W2 preparation, tax reporting and new
- **Responsibility Summary:** Provided user support and application enhancements by coding and testing changes to existing batch programs for various financial applications. Coded and tested new online programs to perform new customer activity tracking.

Company **ECOM – Elite Computer Consultants, Houston, TX**

June 1991 – June 1992

Client / Industry TENNECO, Gas Pipeline Transportation

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, JCL, Cobol, File-Aid, IDMS, ADS/O, Culprit, VSAM

- **Application Summary:** *Channel Automated Transportation System (CATS)* was a legacy sub-system written in ADS/O using an IDMS database.
- **Responsibility Summary:** Coded and tested new online dialogs and provided production support once application was implemented.

Company **ECOM – Elite Computer Consultants, Houston, TX**

October 1989 – April 1991

Client / Industry Transco Energy / Gas Pipeline Transportation

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, JCL, Cobol, File-Aid, IDMS, ADS/O, Debugger

- **Application Summary:** *Transit* new online sub-system developed allow customers to dial in to the mainframe and rank their gas shipments in the event of excesses and shortages.
- **Responsibility Summary:** Coded and tested all new online programs to edit and update customer-entered information.

Company **ECOM – Elite Computer Consultants, Houston, TX**

April 1989 – October 1989

Client / Industry ENRON / Gas Pipeline Transportation

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, JCL, Cobol, IDMS, ADS/O, Method I/Design I

- **Application Summary:** Gas accounting payment authorization.
- **Responsibility Summary:** Coded and tested new online programs to authorize payment of invoices.

Company **COMPUTER TASK GROUP, IT Consultants, Houston, TX**

February 1987 – February 1989

Client / Industry Transco Energy / Gas Pipeline Transportation

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, JCL, Cobol, IDMS, ADS/O

- **Application Summary:** Gas Measurement, Volumetric Accounting and Marketing accounting.
- **Responsibility Summary:** Coded and tested new online and batch programs for a variety of gas pipeline applications.

Company **COMPUTER TASK GROUP, IT Consultants, San Ramon, CA**

January 1987 – February 1987

Client / Industry HEXCEL / Manufacturing

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, IDMS, ADS/O

- **Application Summary:** Manufacturing process tracking.
- **Responsibility Summary:** Coded and tested new online programs to capture, edit and update data, associated with the various stages of the manufacturing process, to the database.

September 1986 – December 1986

Client / Industry ERNST Hardware / Retail

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, JCL, IDMS, ADS/O, COBOL, Method I/Design I

- **Application Summary:** Merchandise advertising.
- **Responsibility Summary:** Designed and developed new batch and online programs for a new ad campaign.

June 1984 – August 1986

Client / Industry Reynolds & Reynolds / Tax Return Preparation

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, JCL, IDMS, COBOL

- **Application Summary:** *Accutax* encompassed a variety of products used in tax preparation support such as statistical reports and data entry forms. These products were used by accountants to assist them in preparing taxes for individuals, partnerships and corporations.
- **Responsibility Summary:** Designed and developed new batch programs for tax preparation support products. Also assigned and supervised tasks performed by other programmers.

Company **Variety of Canadian Service Bureaus and Consulting Firms**
February 1979 – June 1984

Client / Industry Canada Department of Fisheries and Oceans
Atlantic Pilotage Authority
Atlantic Lottery
Alberta Oil Sands Technology and Research Authority
Gulf Oil Canada

Position Title Programmer / Analyst

Tools Utilized IBM MVS, TSO, IDMS DB, COBOL, RPG II, CICS, System 2000

- **Application Summary:** Fisheries, Shipping, Lottery, Social Services and Heavy Oil Exploration.
- **Responsibility Summary:** Coding and testing programs in COBOL utilizing System 2000 and IDMS databases.
- I also designed and developed a reporting application, to be used by all the Oil Exploration companies, which accessed IDMS databases and performed at optimum efficiency. This was my first major career achievement as it utilized advance concepts of IDMS, required coding testing implementing 18 COBOL programs and had to reduce existing reporting costs and had to be done in a month. I had a week to do the design and present my strategy to management and three weeks to do the development and implementation. This included meeting with customers to get their approval on the reports. My own management and coworkers would not support me because they did not believe it was possible. The client finally gave the go-ahead after having no other recourse. To everyone’s surprise I completed the assignment on-time and our monthly reporting costs went from \$1400+ to \$300+. That was 1982 and we did not have full-screen edit and many of the programs had to be written on coding sheets and keyed to tape. It was a challenge but I was 23 years old and very determined.