Objective:

Seeking to handle increasing responsibility and challenging assignment to harness my technical skills,

knowledge and achieve recognition. To develop my career as a valuable team member, contributing quality ideas and work for an organization where there is ample scope for individual as well as organization.

Professional Summary:

* Over 23 years of experience in MAINFRAME (TSO, ISPF, COBOL, CICS, DB2, IMS DB/DC, VSAM, JCL, TELON) Application Study, Design& Development, Quality Assurance, Implementation and Production Support.
* Proven ability to integrate mainframe applications with other interface i.e. SALESFORCE, IBM Integration BUS, and ORACLE using Transaction Server (CTS) & CICS Transaction Gateway (CTG) & IBM integtation BUS as the middleware.
* Good understanding on REST/SOAP WEB SERVICES.
* Worked extensively with automated tools such as CA-7/CA-11 (Job Scheduler), debugging tools such as XPEDITOR/TSO and XPEDITOR/IMS
* Experience in structured methodology covering the entire Software Development Lifecycle (SDLC).
* Experience with Oracle SQL and PL/SQL programming and used Database utility programs like TOAD and SQL Navigator.
* Manual testing for mainframe and Web-based applications which included White-Box Testing, Black Box Testing, Functionality Testing, Regression Testing, Performance Testing and Load Testing
* Proficient in writing test plans, test scenarios/test cases and documentation of test results.
* Experience in data mapping, data flow diagrams and data migration, Terada, BTEQ, MLOAD, FLOAD, FEXPORT
* Experience in migration and implementing projects in the Federal, State, Health Insurance, Utilities, Accounting, Banking and Manufacturing Industry.
* Proficient in gathering client requirements through standardized documenting with functional, design, technical and program Specifications.
* Strong leadership, mentoring, communication skills, highly self-motivated, goal oriented and committed to timely delivery.

Technical Skills:

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| Languages | COBOL (I/II/MF/74/85/UNISYS), SCREEN COBOL (SCOBOL), TAL, TACL, PL1, DLI, CICS, JCL, C/370, C, C++, Cold Fusion, Visual Basic, VB Script, JavaScript, Korn Shell, Pearl, HTML, XML, MQ Series, Easytrieve |
| OLTP Environment | CICS, CICS Web Services, CICS Transaction Server 3.1 (CTS), CICS Transaction Gateway (CTG), TCP/IP. |
| Database | DB2, DB2 UDB, IMS-DB/DC, BSAM, VSAM, MS SQL Server, ORACLE, MS Access. |
| Reporting Tools | COGNOS (Impromptu, Power Play), Crystal Reports, VIS (Viewing Interactive System) Report |
| Other Utilities | ENDEVOR, TELON, Test Director, NET Express, Server Express, DB2 MQ Series Assistant, RUMBA, IBM WEBSPHERE MQ 7.0, XML4COBOL, CA-GENER/OL, BMS/GT, TWS/OPC, INTERTEST, WINRUNNER, Relativity, COOLGEN, OMEGAMON, XGEN, TSO, ISPF, BMC, PANVALET, MS Flight, CHANGEMAN ZMF, Expeditor, FILE AID, ABEND AID, CA-7, CA-11, QMF, SPUFI, TOAD, PL/SQL, SQL\*Loader, MS DTS, SMARTTEST, SYNCSORT |
| Other Utilities | MS Office, MS VIZIO, MS Project, ERWIN |
| OS | Microsoft Windows 7/10, Windows XP/NT, UNIX, AS/400, TANDEM, IBM OS/360/390, MVX, IBM z/OS, Mac OS. |
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Professional Experience:

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| **ARMY AND AIRFORCE EXCHANGE, DALLAS,TX** | **11/2015 to 07/2018** |

**Mainframe Programmer/Analyst**

SOFTLINE PLANNING PROJECT, worked on enhancing and maintenance of FASHION PROFILE/FASHION DISTRIBUTION systems to minimize the impact to the current FDS receiving “Tally-In” & “Distribution Hold” business procedures for the initial implementation and develop an interim approach. Also, as a part of this project, Fashion Distribution System (FDS) has been less integrated with the to-be decommissioned Fashion Profile System (FPS).

FMO WORK ORDER Management SALESFORCE integration project, worked on integrating FIVEX/IGLAS/VENDOR MASTER mainframe systems with IBM Integration Bus middleware using CICS Transaction server and CICS Transaction Gateway.

ORACLE TRANSFORMATION MANAGEMENT (OTM) project, worked on integrating VENDOR MASTER Mainframe system with IBM Integration Bus middleware using CICS Transaction server and CICS Transaction Gateway.

**Environment** – TSO, ISPF, CICS, MQ series, COBOL, DB2, IMS DB, VSAM, JCL, CA-7, TELON, XPEDITOR, FILE-AID, FILE MANAGER, SPUFI, ENDEVOR, QMF, MF COBOL, CICS Transaction Server (CTS) ,CICS Transaction Gateway (CTG), TCP/IP, MICROFOCUS NET EXPRESS V5.1. IBM Integration BUS, ORACLE, PL/SQL, TOAD.

**Responsibilities:**

* Executed ARMY AND AIRFORCE EXCHANGE SYSTEM (AAFES) SDLC process and promotion of a vision for new and existing component change request.
* Researched & implemented a large volume of COBOL/CICS/VSAM/DB2/IMS coding with sound technical knowledge in order to deliver both online and batch application efficiently.
* Proof of Concept (POC) to integrate mainframe COBOL/DB2/IMS programs with SALESFORCE - Customer Relationship Management (CRM) platform & ORACLE TRANSFORMATION (OTM project) using IBM INTEGRATION BUS (middleware).
* Evaluate current business practices with emerging technology and recommend relevant process enhancements and products that anticipate or complement corporate direction.
* Planned and developed the flow of user documentation in order to ensure that the technical material was accurate and easily understood by potential users.
* Developed stored procedures and triggers to facilitate consistent data entry into the ORACLE staging table.

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| **The Consultants Consortium, Indianapolis, IN** | **08/2013 to 08/2015** |

**Mainframe Programmer/Analyst**

Supported INDIANA CLIENT ELIGIBILITY SYSTEM (ICES) for State of Indiana to assist Hoosiers in timely manner. Our recent achievement is successfully implementing the Healthy Indiana Plan (HIP 2.0)

Supported CLIENT AUTOMATED RESOURCES ELIGIBILITY SYSTEM (CARES) for State of Maryland. The CARES system is the primary source of eligibility determination information to support claims processing in the Medicaid Management Information System (MMIS).

**Environment** – TSO, ISPF, CICS, CICS Web Services, CICS Transaction server, COBOL, DB2, IMS DB, VSAM, JCL, CA-7, TELON, COGNOS, XPEDITOR, FILE-AID, FILE MANAGER, SPUFI, ENDEVOR, QMF, MQ Series, HTML, JAVASCRIPT, Terada, BTEQ, MLOAD, FLOAD, FEXPORT.

**Responsibilities:**

* Analyzed, Designed, Developed& tested On-line screens & batch processing programs using TELON, Cobol, CICS, DB2, IMS DB
* Developed new inbound/Outbound programs in CICS Web Services Environment with support of CICS Transaction Server 3.1
* Documenting and coordinating project activities for internal knowledge base.
* Escalation of issues within Project Tracking Systems appropriate
* Estimate work load and Resource planning.
* Worked on loading of data from several flat files sources to Staging using Teradata MLOAD, FLOAD.
* Worked on exporting data to flat files using Teradata FEXPORT.
* Worked exclusively with the Teradata SQL Assistant to interface with the Teradata.
* Executed performance, scalability, system, functional and integration test plans based on detailed feature requests
* Worked on-call during the weekends for the production support of batch processes

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| **United Health Insurance Group, Indianapolis, IN** | **10/2011 to 04/2013** |

**Mainframe Programmer/Analyst**

As a part of IT accounting team, worked directly with the client to successfully design, develop& maintain the Policy Accounting System (POLA).

**Environment** - COBOL, ROSCOE, TSO, ISPF, ASSEMBLER, VSAM, CICS, JCL, DB2, QUICK JOB, Report DISPATCH, FILE-AID, ENDEVOR, XPEDITOR, ABEND-AID, CA-7/CA-11.

**Responsibilities:**

* Researched &implemented a large volume of COBOL/CICS/VSAM/DB2 coding with sound technical knowledge in order to deliver both online and batch application efficiently.
* Involved in ON-CALL production support for claims &accounting batch cycles.
* Hands on with JCL’s and procedures, which include implementing better way of RESTORE & BACKUP logic.
* Worked with CA-7/CA-11 job scheduler to schedule and identify the job flow.
* Worked with report DISPATCH to create & monitor the reports.
* Worked with ABEND AID to research the day-to-day online screen ABEND.
* Worked with XPED debugging for production ABEND i.e. data exception etc.,
* Planned and developed the flow of user documentation in order to ensure that the technical material was accurate and easily understood by potential users.
* Conducted discussions with the Accounting team in order to understand the business for any kind of System Change request or production ABEND/problem fix.
* As a part of UHC SDLC, wrote system change request, functional design, technical design, system test plan, system test results &back out specifications based on the recent changes/prod.

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| **Department of Child Support, Indianapolis, IN** | **02/05 to 04/11** |

**Sr. Mainframe Programmer/Analyst**

Developed and maintained ISETS case management and financial management systems- used to identify and track absent parents, establishment of parentage, establishment and modification of child support orders and medical support orders, collection of support obligations and any other appropriate actions.

**Environment** - COBOL II, TSO, ISPF, TELON, VSAM, CICS, DB2, JCL, OS/390, QMF, SPUFI, FILE-AID, IBM-DEBUG, ENDEVOR, ABEND-AID

**Responsibilities:**

* Worked extensively in TELON/DB2 (Online screens), COBOL/DB2 (batch programs), to create/enhance new and existing programs.
* Involved in child support health insurance entity as a part of MEDICAL SUPPORT enhancement.
* Executed ISETS SDLC process and promotion of a vision for change request routines
* Analyzed client requirements, reviewed findings and implemented solutions
* Hands-on experience with deriving new SQL’s and with existing SQL for performance tuning
* Created test scenarios and test data; developed an idea from its initial stages to the final product and effort estimates
* Wrote functional design and technical design specifications based on the recent changes with the business logics
* As a part of batch support team, monitored/ran daily, weekly, beginning-of-month and end-of-month jobs

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| **Forethought Life Insurance and Finance Services, Batesville, IN** | **06/04 to 01/05** |

**Sr. Programmer Analyst**

**Environment** - COBOL II, TSO, ISPF, CHANGEMAN-ZMF, PL1, Mantis, VSAM, CICS, IMS DB/DC, DL/I, DB2, JCL, Win Runner, QMF, SPUFI, FILE-AID, EXPEDITOR, ABEND-AID, BMC, OS/390

1. Coded conversions using COBOL, Mantis and DB2, IMS DB/DC for BANKONE to FIFTH THIRD BANK, which involved coding and table design change
2. Studied, designed, developed and implemented Policy Print programs, which were developed in COBOL and Mantis programming OS/390 environments with DB2
3. Utilized CHANGEMAN-ZMF (Project Management Tool) for baseline movements such as Checkout, Staging and Promoting components starting with level 30; then moved to QA, approved and moved to level 50 UAT which was the final approval for changes
4. Studied IMS DB utilities and converted it to DB2 utilities
5. Conducted analysis, coding and testing for IT requests (Production issues) in PL1, COBOL and DB2 for code conversion from an Ingenium upgrade 5.5v into 6.3v, which had a major impact on the DB2 table change for all COBOL andMantis programs
6. Created test plans for the code conversions and IT requests which covered White Box, Black Box and Impact Analysis Testing
7. Conducted DB2 table analysis using DB2 catalog, SPUFI and QMF before applying any SQL coding in COBOL and Mantis programs
8. Developed design and functional level documents and discussion for Policy Print modules  
   analysis with code conversion tables for policy print

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| **U.S. Department of Justice, Falls Church, VA** | **09/99 to 09/03** |

**Sr. Systems Analyst**

Maintained, re-engineered and migrated two large mainframe COBOL legacy systems (ANSIR - Automated Nationwide System for Immigration Review and BIA - Board of Immigration Appeals) to Centralize and web-enable them.

**Environment** – COBOL II/370/VM, CICS, MVS-XA, UNIX, , OS/390, IMS DB/DC, DLI, DB2, BSAM, VSAM,

TSO/ISPF, JCL, FILE AID, ABEND AID, Expeditor, Easytrieve, Endevor, SyncSort, Perl, Korn Shell,

CHANGEMAN ZMF, BMS/GT, CA-GENER/OL, QMF, SPUFI, INTERTEST, UNIX, Relativity, Omegamon,

VUPORT, Cold Fusion, Win Runner, MS SQL Server 2000

**Responsibilities:**

1. Worked with QMF and SPUFI for query optimization for COBOL reports
2. Worked with complex JCL for the COBOL-DB2 batch jobs
3. Worked as an OS/390 environment specialist in order to organize the COBOL application and normalize and optimize data from DB2
4. Involved in designing COBOL data structures with Primary and Alternate key mapping with a better understanding of the legacy system
5. Worked with BMS macros, File Control, Exceptional handling, TSQ’s, TDQ’s and involved in major CICS application changes with BIA system using CICS programming techniques.
6. Develop batch processes for Immigration review & Immigration appeals reporting applications using Perl and Korn shell scripts.
7. Conducted Expediter analysis and testing (online and batch unit test),directly contributed to a substantial IT cost reduction in CPU cycle cost, DASD storage, batch process times
8. Involved in creating test plans for both client side and server side validation using the current business plans
9. Involved in the evaluation of DB2 ASSIST for MQ SERIES
10. Involved in migration including the loading of data from legacy systems to Oracle using SQL Loader utility and DTS

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| **Polaris Software Lab Inc., Cherry Hill, NJ** | **07/97 to 08/99** |

**Clients:**

**PECO ENERGY, Pennsylvania, U.S.A**

**STEEL CASE, Grand Rapids, U.S.A**

**DEPARTMENT OF REVENUE, Madison, U.S.A**

**Environment** - COBOL II, PL /1, CICS, IMS, VSAM, SAS, VSAM, DB2, JCL, TSO/ISPF, FILE AID, MVS/ESA, MF-Revolve, IBM-3090

**Responsibilities:**

1. Conducted impact analysis for Y2K on all applications for multiple clients – Department of Revenue WI, Steel Case MI, PECO Energy PA
2. Was a member of IBM Global Services Team for requirement analysis and production support for PIMS, an online system of PECO Energy users which handled inventory, purchasing, M and TE, personnel information and document control unit
3. Executed program conversion from MF COBOL into COBOL 85 with VSAM/DB2 as backend
4. Executed system study, coding and unit testing

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| **Polaris Software Lab, Chennai, INDIA** | **03/95 to 06/97** |

Implemented multiple projects for CITIBANK, Singapore & Australia.

Team lead for study, designed, developed and implemented manufacturing industry projects.

**Environment** - VS-COBOL II, CICS, DEVELOPER 2000, JCL, ES/9000, DB2, Oracle, TANDEM COBOL, Screen COBOL (SCOBOL), ENSCRIBE, TAL, TACL, SQL.

**Responsibilities:**

1. Executed design, development and testing of the Security Management System for authorization and access level of Accounts Master Table using Developer 2000 and Oracle.
2. Converted an Online Boroughs COBOL into Developer 2000 and Oracle; a Financial and Loan Management System for Auto Dealers, monitored daily transactions from dealers such as credit application, issuing third party payment, trading receipts and collateral management
3. Worked on Mortgage Payment System, which I had been debuted to study the legacy system in order to migrate into Developer 2000
4. Worked as a team member for this Voice Recognition System, which was developed as a full-fledged software product, which made the billing system faster and reliable for the end client
5. Technical lead for three of the major enhancement to the manufacturing system sending shop floor transaction to PIOS and MRP from the Tandem to AIX and IBM systems. All code written in Tandem COBOL/SCOBOL/TACL using ENSCRIBE data files.

Education and Training:

* Bachelors Degree in Science, Madras University, Chennai, India
* Higher diploma in software engineering, APTECH, India.
* Diploma in Oracle, Unix and C, Brilliant’s Computer Center, India.