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# Professional Summary:

* 16+ years of experience in the IT industry with proficiency in IBM Mainframe.
* Domain expertise in Banking / Financial, Healthcare and Retail applications.
* Proficient in using COBOL, JCL, DB2, SQL, VSAM, GDG, IDMS, IMS DB and CICS as primary competencies.
* Experience in using IBM mainframe tools, utilities and technologies like TSO/ ISPF, EASYTRIEVE, XPEDITER, CA-INTERTEST, FILEAID, FILE-MANAGER, CHANGEMAN, ENDEVOR, PANVALET, SPUFI, QMF, Control M, ZENA, ZEBB, JOBTRAC, CA-7, SYNCSORT, Remedy, Rally, Jira, Version One, Sharepoint, MQ Series, Infopac, Easytrieve etc.
* Full understanding of all phases of project life cycle including requirements gathering, designing, coding, testing and deployment.
* Extensive knowledge of batch and online systems for Mainframe.
* Ability to identify, analyze, debug, fix defects and test them in the Dev and QA environments.
* Experience working with defect tracking/ task management tools.
* Application Lifecycle Management (ALM), IBM Rational Quality Manager (RQM), Quality Center, ClearQuest, Squidds experience for SIT, UAT & Production implement, which includes updating SIT and UAT defect logging and follow-up.
* Basic knowledge of web-service applications.
* Strong SQL development skills.

# Education:

* **Bachelor of Science from Andhra University, INDIA.**

**Technical Skills:**

* **Programming Languages**: COBOL, JCL, SQL
* **Database Technologies**: DB2, IDMS, IMS DB
* **Version Control Tool**: ENDEVOR, PANVALET, CHANGEMAN
* **Debugging Tools**: Xpeditor, CA Intertest, CEDF
* **Access methods**: VSAM
* **Online Transaction processing platform:** CICS, Channels and Containers
* **Other Tools**: ISPF/TSO, QMF, SPUFI, File-Aid,File-Manager, IDCAMS, EASYTRIEVE
* **Operating Systems**: MVS, OS/390, Z-0S, Windows 7/8/XP, MS-DOS
* **Microsoft Products**: Microsoft Office Suite
* **Messaging service**: MQ Series, FTP
* **Process Tools**: HP ALM, IBM Rational Quality Manager (RQM), Quality Center, ClearQuest, Squidds, Managenow, Rally, Jira, Version one, RPM, Etp Turn package, Insync, ZENA, ZEBB, CA-7, Jobtrac, Control-M

**WORK EXPERIENCE:**

**The Vanguard Group, PA, USA - TCS Nov'18 – Till-Date**

**Mainframe Developer**

The Vanguard Group is an American registered investment advisor based in Malvern, Pennsylvania with over $5.3 trillion in assets under management. It is the largest provider of mutual funds and the second-largest provider of exchange-traded funds (ETFs) in the world after BlackRock's iShares. In addition to mutual funds and ETFs, Vanguard offers brokerage services, variable and fixed annuities, educational account services, financial planning, asset management, and trust services.

Responsibilities:

* Involved in the Requirement analysis and Designing
* Involved in production support activities which involves monitoring batch cycles, bug fixings
* Development of programs using COBOL, DB2, JCL, VSAM
* Created and modified test and production JCLs/ Procs
* Used ENDEVOR to create, stage, and deploy packages into the SAT, CAT & PROD Environments.
* Used SPUFI to write SQL queries for extensive testing and to ensure proper backup and restoring of data.
* Test the batch application modules to verify whether the changes meet the new business requirements.
* Involve in major incident management(MIM) calls
* Manage the relationship with the client and all stakeholders
* Create and maintain comprehensive project documentation based on the business requirements
* Recommend, develop and review QA standards policies and procedures for all functions involved with or related to the quality and testing in accordance with company standards
* Create and execute test cases while adhering to established software quality standards in general for measuring software quality
* Create change records for production implementation

**Environment/Tools/Technologies:** ZOS, COBOL, JCL, DB2, VSAM, GDG, Endevor,

Control-M, Jira, Insync, IBM UTILITIES.

**Consolidated Edison, USA Nov'17 – Oct’18**

**Mainframe Developer**

**Project – AMI Implementation - CIS**

Con Edison and O&R are planning to deploy Advanced Metering Infrastructure (“AMI”) across their service territories. The AMI Program will involve installing AMI-enabled electric meters, gas meters with pre-installed AMI modules, and new AMI communications modules for gas meters as well as installing network devices. AMI technology will capture interval data, enable two-way communications, include remote capabilities, have the ability to communicate with customer-owned equipment, and provide advanced outage detection and verification.

Responsibilities:

* Involved in reviewing the functional requirement and business requirement documents along with the business team.
* Work with project managers, architects, technologists and business partners to support, enhance, and build new applications.
* Design, test, implement, and support both batch and online programs using COBOL, JCL DB2 and CICS.
* Resolve issues and validate programming requirements within areas of responsibility.
* Debug COBOL programs using XPEDITER tool to troubleshoot issues to find root cause and to provide code fix.
* Take a leadership role in technical design and product implementation discussions.
* Generate ad-hoc queries/reports from system databases.
* Verify and Validate data present in DB2 tables.
* Perform regression testing and other development related tasks.
* Translate technical systems design to functioning code.

**Environment/Tools/Technologies:** ZOS, COBOL, JCL, DB2, CICS, VSAM, SPUFI/QMF, CIS, MDMS, Control-M, Service Now - Incident Managemet

**VANTIV, Cincinnati, OH, USA Mar'16 – Oct’17**

**Mainframe Developer**

**Project - XAA Mainframe Billing**

There are 2 primary applications that make up Vantiv Billing, XAA-Vantiv (XM) and Billing Interfaces (BI). Supporting applications include Vertex (VR) and Code-1 (ZP). Statement print image creation is done using Dialogue (DG). BI handles the collection of inputs and homogenizing the data into predefined interface formats. XM does the calculations and preparation of data extracts for statements, GL, ACH, and the Enterprise Data Warehouse. Vertex handles the sales tax calculation and reporting. Code-1 does address validation and zip+4 determinations.

XAA is a vendor application with a DB2 back-end and CICS front-end. The CICS screens have limited usage as batch interfaces exist for almost all inputs. The batch process is standard JCL and the programs are all written in COBOL. There is a good amount of SAS in the batch process that has been added as we’ve customized the process.

Responsibilities:

* Involved in the Requirement analysis and Designing
* Prepare Test data and Test Plan documents
* Development of programs using COBOL, DB2, JCL, VSAM utilities like sort, etc.,
* Analyze business and technical requirements to create detailed test cases.
* Prepared detailed Test Plan & Test Cases by understanding the business logic & user requirements.
* Performed Unit testing, End-to-End testing
* Attended daily status calls with the client manager.
* Attended mid sprint review and Sprint planning meetings
* Participated in Sprint demos and PI planning meetings
* Created change requests for production implementation.
* Peer review the code and test cases.
* Collected and submitted metrics on a monthly basis.

**Environment/Tools/Technologies:** ZOS, COBOL, JCL, DB2, SAS, CICS, VSAM, SPUFI/QMF, XPEDITOR, FILE-AID, Easytrieve, SYNC SORT, ZENA, Jobtrac, Rally and HP ALM

**HUMANA, Louisville, KY, USA Aug’14 - Apr’15**

**Mainframe Lead Developer**

**PBS (Premium Billing System)**

The PBS system was built by Humana to perform Billing. The PBS system was built by Humana to perform Billing and accounts receivable functions for groups and members enrolled with Humana.

Based on the insurance plan and coverage limits opted by the customer, a monthly premium is calculated and charged. This information is input to the billing system.

Responsibilities:

* Involved in the Requirement analysis and Designing
* Prepared Program Specification, Test Plan documents
* Development of programs based on Program Specs using COBOL, DB2, JCL, VSAM, SQL, DB2 utilities like load, unload, etc., JCL utilities like sort, etc.,
* Performed Unit testing, End-to-End testing and supporting further testing Stages like SIT, UAT, PRE-PROD, PROD.
* Attended daily status calls with the client manager.
* Monitor and resolve SIT cycle abends.
* Involved in production support activities.
* Created turn packages for production implementation.
* Induction and Training new team members
* Transition Activities: Taking the transition, prepared the understanding documentation and the Transition Handbook
* Peer review the code and test cases.
* Collected and submitted metrics on a monthly basis.

#### Technical Details:

* Used TSO/ISPF utilities to create and Maintain PDS, PS, etc. and to monitor Spools
* Used FILE-AID to create and maintain VSAM (KSDS), PDS, and PS.
* Extensively worked on DB2 cursor development with joins and also on Subqueries and Correlated sub-queries.
* Written COBOL/DB2 Batch programs for Conversion, Migration and Maintenance of Application data.
* Hands on experience in Scheduling and running batch jobs using JCL UTILITIES.
* Used Panvalet as version control tool for code check-ins, code retrievals, and Change Request management at different SDLC levels.
* Used SPUFI, QMF tools for easy retrieval and updating of data mainly in Development /Testing environments.

**Environment/Tools/Technologies:** Z/OS, COBOL, JCL, DB2, VSAM**,** PANVALETS, FILE-AID, QMF, SPUFI, ABEND AID, and EasyTrieve

**HUMANA, Syntel, India May’12 - Jul’14**

**Mainframe Developer**

**Project: CI MEDICARE**

Humana Inc., headquartered in Louisville, Kentucky, is one of the nation's largest publicly traded health benefits companies, with approximately 11.5 million medical members. Humana offers coordinated health insurance coverage and related services to employer groups, government-sponsored plans, and individuals. Humana’s CI Medicare project involves Member Enrollment into Medicare Plan for Humana, Sending of enrollment/Disenrollment information to CMS (Governing Body for Medicare), Sending fulfillment materials like ID Cards and Welcome Letters. It’s a Web based front end Application to enroll a member and back hand Mainframe Application to Store and process the data.

Responsibilities:

* Estimations, Analysis, Preparation of the low level Designs, Coding, Testing and peer reviews.
* Preparing Unit Test Plans, Unit Testing and Unit Test reviews.
* Providing support to the Business Information Analysts during the System Testing and fixing the problems reported.
* Collecting and submitting metrics on a monthly basis.
* Arrange necessary technical/managerial trainings for team
* Ensure the timesheet compliance is 100%.
* Transition Activities: Taking the transition, preparing the understanding documentation and the Transition Handbook
* Participated in the daily stand up SCRUM agile meetings as part of AGILE process for reporting the day to day developments of the work done

#### Technical Details:

* Modify existing and code new Cobol, IDMS, DB2 Batch programs
* Modify existing and code new Cobol, CICS, DB2 Online programs
* Analyze the job log to find the production ABEND and fix them and impact analysis to resolve user queries.
* Used MVS utilities to allocate new datasets, catalog/ uncatalog dataset, copy dataset, transmit dataset from one mainframe region to another using XCOM or NDM and dataset comparison.
* Used Explain Plan and Explain Program for DB2 performance tuning.
* Written COBOL Batch programs for Conversion, Migration & Maintenance of Application data.
* Used SPUFI, QMF tools for easy retrieval and updating of data mainly in Development /Testing environments.

**Environment/Tools/Technologies:** ZOS, COBOL, JCL, DB2, CICS, IDMS, VSAM, File-Aid, Panvalet, Xpeditor, MQ Series, Infopac.

**HUMANA, Syntel, India May’11 – Apr’12**

**Mainframe Developer**

**DENTAL & SOLAR**

**Project:** Humana Inc., is one of the largest Insurance companies in the USA. Humana is a leading provider of Health Insurance plans at affordable rates to companies, government sponsored plans and individuals.

Badger is one of the main modules of the project which does various activities such as development, maintenance, enhancements and production support. We do fixes for reported program errors Enhancements (Application Modifications as per requirements), Conversion of programs for new versions of compiler and/or other software components, Investigation of problems reported by the Customer, Answering queries raised by the Customer and so on.

The Systems Badger is dealing with, is a portion of Claims, Admin and Underwriting. Production Support is rendered by monitoring the batch jobs that are run and solving the problems that are encountered during the run in a very narrow span of time, allowing the Production Cycle to continue.

Responsibilities:

* Participated in the daily stand up SCRUM agile meetings as part of AGILE process for reporting the day to day developments of the work done
* Participated in Sprint planning meeting every alternate week to plan the work accordingly
* Coding of Cobol, DB2 batch programs and performing unit testing
* Review: The developed code is reviewed to find out any discrepancies
* Validating and documenting the test results. Sharing the same with onsite.

**Environment/Tools/Technologies:** ZOS, COBOL, JCL, VSAM, DB2, File-Aid, Panvalet and XPEDITOR

**HUMANA, Syntel, India Jul’10 – Apr’11**

**Sr. Mainframe Developer**

**Humana BECC - M&S**

CCP (Customer Care Portal) is an enterprise tool for Customer Contact Management. This in-house developed system has been designed for the tracking of inquiries from the point of contact through resolution/completion. It is an application for logging, tracking and resolution of inquiries. This tool was developed to replace an existing system named "Inquiry Control Systems (ICS)".   
CCP is a Tool that makes available Data at one central location, from numerous legacy systems where the detailed member, provider, and customer information is stored.  
These applications are meant for Customer Service Center to handle inquiries made by member, provider or customers requesting for Eligibility, Coverage, Claims, ID cards, Spending account information, Ordering Rx refills etc. The need is to successfully handle more than 5000 concurrent Customer service representatives creating over daily 2,50,000 inquiries across commercial, medicare, pharmacy and clinical operations. Being a customer centric application it is mandatory for these applications to have a near-about 100% up time to be able to resolve customer queries instantaneously.

Responsibilities:

* Involved in production support activities, which involved on-call support.
* Ensure the timesheet compliance is 100%.
* Coding, debugging and Unit Testing – Preparing Unit test plan and Unit test report.
* Analyze the Incident tickets and respond to users with resolution/findings
* Analysis, Coding and Testing of daily oneshot requests to update Production tables
* Deliver the daily abend logs, checkpoint and weekly reports
* Responsible for delivering quality products by doing peer Reviews
* Providing KT to new team members
* Assign tasks in Equip tool
* Documented the application/technical knowledge gained during problem log resolutions

**Environment/Tools/Technologies:** Z/OS, COBOL, JCL, DB2, VSAM, SPUFI, DCLGEN, TSO/ISPF, IDCAMS, IEBGENER, PANVALET, FILEAID, XPEDITOR.

**ONCOR ELECTRIC, IBM, India Sept’09 – Jun’10**

**Mainframe Developer**

**Project: - AMS (Advanced Metering System )**

**Project:** Oncor serves about one-third of Texas, including the high-growth Dallas-Fort Worth area. Oncor is Texas's largest regulated electric delivery business and the sixth largest in the U .S. It supplies electricity to approximately 7.5 million consumers in a service area of over 400 communities in east, west and north-central Texas, including Dallas, Fort Worth, Midland, Odessa, Killeen, Waco, Wichita Falls and Tyler.

Oncor delivers reliable electricity to one of the nation's highest-growth regions for electricity demand, helping fuel the economy of north Texas.

The main characteristic of the Advanced Metering System (AMS) is its ability to set-up two-way communication between Smart Meters and Home Area Networks (HANs) over RF based Communication Network and Data Collection System also called the Head-end system.

It collects the meter data for residential, commercial and industrial consumption. The meter data collected by the Advanced Metering System is used in distribution of different systems i.e. MDMS, PIPE and to fulfill the service orders have been raised by end customers.

Responsibilities:

* Development of new batch components using COBOL, DB2, IMS-DB, JCL, CICS, VSAM and reviewing the code in accordance with the requirements.
* Preparation of quality documents like test plan, test cases, test completion reports and release notes etc.
* Created and modified test and production JCLs/ Procs.
* Created GDGs and VSAMs in test environments.
* Involved in unit testing, preparing unit test result documents and effectively supported system testing and implementation.
* Involved in Production support activities and coordinating with various support teams
* Monitoring production jobs through Control-M
* Analysis of production abends and resolve it
* Analysis, coding and testing of permanent fixes for production issues

**Environment/Tools/Technologies:** OS/390, COBOL, JCL, IMS DB, DB2, VSAM, SPUFI, DCLGEN, IDCAMS, IEBGENER, CHANGMAN, XPEDITOR, and File-Aid, Service Now, Control-M

**LOBLAWS COMPANIES LTD, IBM, India Apr’08 – Aug’09**

**Sr. Mainframe Developer**

**Project: - GREEN STRIPES LOBLAWS**

**Project:** Loblaw Companies Limited (“Loblaw” or the “Company”) is Canada’s largest food distributor and a leading provider of general merchandise products, drugstore and financial products and services. Through its various operating banners, Loblaw is committed to providing Canadians with a one-stop destination in meeting their food and household needs. This goal is pursued through a portfolio of store formats across the country. Loblaw is known for the quality, innovation and value of its food offering. It also offers Canada’s strongest control label program, including the unique President’s Choice, no name and Joe Fresh Style brands

Responsibilities:

* Reviewing the requirements, preparing technical specification document, Business Requirement Document (BRD) etc. as per quality procedures and delivering within the schedule.
* Involved in extensive impact analysis to understand the design change for each requirement.
* Development of new batch components using COBOL, DB2, JCL, GDG, VSAM for business and reviewing the code in accordance with the requirements.
* Preparation of quality documents like test plan, test cases, test completion reports and release notes etc.
* Created and modified test and production JCLs/ Procs.
* Created GDGs and VSAMs in test environments.
* Involved in unit testing, preparing unit test result documents and effectively supported system testing and implementation.
* Involved in monitoring for defects, providing appropriate solutions and fixing defects.
* Responsible for Delivering quality products by doing peer Reviews
* Analyze Remedy tickets and respond to customer with the findings
* Conduct RCA (Root Cause Analysis) for Major issues caused during production job failures
* Give Induction Training to the new join team members and review the progress
* Responsible to implement and support Org initiatives
* Used CHANGMAN to create, stage, and deploy COBOL packages into production sites.
* Used SPUFI to write SQL queries for extensive backend testing and to ensure proper backup and restoring of data.
* Used FILE-AID to create and modify VSAM, PDS and PS and debugging was done using XPEDITER.

**Environment/Tools/Technologies:** OS/390, COBOL, JCL, CICS, DB2, VSAM, SPUFI, DCLGEN, IDCAMS, IEBGENER, CHANGMAN, XPEDITOR, RPM, Easytrieve and File-Aid.

#### AMERICAN EXPRESS, Phoenix, AZ, USA Mar’06 – Jan'08

**Mainframe Developer**

**Project – VDR (VOLUME DISCOUNT REVIEW)**

Volume Discount Review (VDR) is a pricing process that takes place annually. The purpose is to review merchants’ actual performance and price them according to their charge volume, average roc and industry. Each qualifying Service Establishment’s (SE) charge volume is evaluated and compared to a rate schedule via a process in Phoenix. Based on Amex tenure, the previous year’s charge volume, average roc and industry code, this process establishes whether their rate will go up, down or stay the same. This review is part of a contractual obligation between Amex and its customers, which ensures Pricing Integrity. Since there can be many factors by which an SE’s rate could change, the American Express Client Management organization has the opportunity to review each account, and decide if the rate change is valid. If a rate change is either incorrect, or if it is not in the best interest of American Express to change the rate, then the client managers can apply a ‘Stop’ to stop the rate change. The client managers can also suggest a different discount rate for subsequent approval. The application provides various reports for the reviewer to determine the best rate for the SE and AMEX.

Responsibilities:

* Involved in the Requirement analysis and Designing.
* Prepared Program Specification, Test Plan documents.
* Development of programs based on Program Specs.
* Performed Unit testing, and supporting further testing Stages like SYSTEM, INTEGRATION, PRE-PROD, PROD.
* Reviewing the work done by the team members
* Create metrics on weekly and monthly basis for the application (delivered defect density, defect classification by priority/severity, warranty support volume handling)
* Overseeing activities related to project deliveries, stakeholder communication and status update communications to top level management

#### Technical Details:

* Used Xpeditor to test and monitor step-by-step execution of programs.
* Developed Batch jobs to process Daily Activity Files.
* Used CEMT, CECI, CECA, CEBR etc. CICS Transactions.
* Preparation of the UNIT test scripts, Execution and capturing the results based on the impact analysis and component design
* Preparation of the System test scripts, Execution and Capturing the test results
* Preparing Integration test scripts, execution and Preparing the test result documents
* Written Easytrieve programs for file comparison and reporting.
* Hands on experience in Scheduling and running batch jobs using JCL UTILITIES.
* Used ChangeMan as version control tool for code check-ins, code retrievals, and Change Request management at different SDLC levels.
* Adhere to companies QA standards Using Mercury Quality Center tools to update the defect status at different SDLC stages.
* Preparation of the different trackers like Traceability Matrix, Weekly status reports, and several other templates to get the status of the assigned tasks for the project team.
* Participated in the daily status meetings for reporting the day to day developments of the work done

**Environment/Tools/Technologies:** ZOS, COBOL, JCL, DB2, IDMS, CICS, VSAM, SPUFI/QMF, XPEDITOR, FILE-AID, Easytrieve, SYNC SORT, CA7, Jobtrac and Clear Quest

**AMERICAN EXPRESS, IBM, India May’04 – Feb’06**

**Mainframe Developer**

**Project: - Mystic**

**Project:** Mystic, provides the opportunity to expand the capabilities of the current system to add value, improve time to market, reduce cost to Establishment Services, and ensure policy compliance.

Mystic will provide the following capabilities:

1. Resume the ability to process the airline industry, airline offer, or airline reference mailings through Mystic.

2. Provide the ability to process *Membership Rewards*® (MR) merchant bonus points mailings through Mystic.

3. It will maintain updates of new card members and new services for existing card members.

Responsibilities:

* Analysis, coding, test plan preparation and completion of Unit and Integration testing
* Developing COBOL DB2 Batch programs
* Creating JCLs to execute the COBOL programs
* Scheduling the jobs and monitoring in Jobtrac.
* Responsible for Delivering quality products by doing peer Reviews
* Give Induction Training to the new join team members and review the progress
* Responsible to implement and support Org initiatives

**Environment/Tools/Technologies:** OS/390, COBOL, JCL, DB2, VSAM, SPUFI, DCLGEN, IDCAMS, IEBGENER, CHANGMAN, XPEDITOR, DB2 SQL STORED PROCEDURES, MANAGENOW, JOBTRAC and File-Aid.