RAMGOPAL BATTU

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DEVELOPMENT/MAINTAINENCE/PROD SUPPORT/PROJECT MANAGEMENT

*Offering over **15+ years** of experience across **project /technical management, software design, development, implementation,support and maintenance** across the **IT Industry***

Academic Credentials

➡ **B.Tech** in Mechanical Engineering from Nagarjuna Institute in 1997

Area of Expertise

➡ Design & Development

➡ Software Testing

➡ Quality Control

➡ System Performance

➡ Team Leadership

➡ Functional and Regression Testing

➡ Project Management

➡ Cost Management

➡ Risk and Resource Management

➡ Implementation

➡ System Analysis & Architecture

➡ Production support

Competent, diligent & result oriented professional with an experience of over **15+ years** out of which 11 **years** of international experience in USA; in Analysis, Design, Development and Testing software in **IBM Mainframe and distributed** platforms across the Insurance, Banking/Finance ,Retail Manufacturing and Healthcare Applications domain.

Demonstrated expertise in the design, development, testing and evaluating of software. Extensive understanding of a range of technologies and engineering issues. Ability to research and analyze customer design proposals and to investigate engineering failures and to diagnose faults. Experience of developing test models and provide accurate engineering feedback to senior managers and other colleagues.

Focused and hardworking professional equipped with thorough knowledge and technical understanding coupled with an analytic bent of mind and confident to take challenging assignments. Responsible for liaising with clients, resource mobilization, project documentations and ensuring quality delivery. A strategic planner with expertise in implementing cost saving measures to achieve reduction in terms of Cost associated with projects/maintenance functions.

A thorough professional with solid experience in formulating robust integrated strategies while managing & leading teams for running a successful process operations and developing Business Continuity Plans, along with exposure to Engineering Product Design. A versatile and hardworking leader with expertise in leading teams (Onsite + Offshore) for multiple engagements. Possessing excellent analytical and & smart working person possessing excellent analytical and communication skills.

PROFESSIONAL EXPERIENCE

Since FEB15	HUMAC INC,USA	Technical Manager

Responsibilities:

➡ Carrying out detail planning and scheduling and coordinating with internal & external partners to ensure execution of projects as per the defined technical & functional specifications.

➡ Tracking project progress in terms of cost, resource deployment, time over runs and quality compliance and proactively identified and rectified problems to ensure adherence to delivery time-lines.

➡ Coordinating the activities to ensure smooth work progress and conceptualized and implemented measures for enhancing operational efficient and optimizing resource utilization.

➡ Ensuring timely delivery of the projects and organized well-structured training programs to enhance skill sets and create awareness of the latest developments.

➡ Ensuring delivery excelling driving each of the projects from Inception, Planning, Execution, Monitor and Control, and closeout. Incorporate client relationship management and ensure highest client satisfaction.

➡ Managing projects ensure successful completion of the projects within the approved Budget and smooth execution and implementation of projects.

➡ Managing the installation, configuration and up gradation of server software.

➡ Handling physical database design & creation. Devising strategies for Backups, recovery & fine-tuning. Providing technical support to application development teams & evaluating products.

➡ Conceptualizing and implemented strategies for growth of business opportunities and achieve consistent profitability and bottom-line profitability through effective program management.

➡ Coordinating with the clients for business process analysis and understanding technical & functional specifications.

➡ Conducting, reviewing meetings and monitoring the progress of the project as per schedule, and ensured timely completion and delivery of the project.

➡ Preparing metrics & reports for management and Risk Management Plan for the projects and initiatives.

➡ Chairing & hosting Defect Management meetings between Development, Test Leads and Stake holders and defining Acceptance criteria.

Sep'09 to Jan'15	FIS , USA	Technical Manager
Mar'08 to Feb'09	Wipro Technologies, USA	Technical Lead/Project lead
Dec'06 to Feb'08	Satyam Computer Services , USA	Tech Lead
Dec'05 to Nov'06	Nationwide Insurance, USA	Senior Software Engineer
Oct'98 to Nov'05	Satyam Computer Services, USA	Sotware Engineer /Module lead

IT FORTE

Operating Systems	MVS OS/390, Z/OS, UNIX, Windows NT, XP
Languages	COBOL II, FOCUS, JCL, SQL, Eztrieve, C, Java, VB, PL/SQL, HTML, SAS
Databases	DB2, Oracle, IMS DB
Online/GUI	CICS, IMS DC
Change management	Serena Change Man, Endevor, CA Librarian
Debugging tools	Xpediter, Intertest
Scheduling tools	Control-M, CA-7
Defect/Problem mgt	Remedy, Test Director,Clarify
Others/Tools	TSO/ISPF, SPUFI, VSAM, File-Aid, DB2I, QMF, IMF, IBM/DB2 utilities, Stored procedures, SyncSort, IDCAMS, RACF, Platinum, FTP, DATAGER, INTERTEST,CICSPLEX,INFOGIX
Project Management	MS Project Server, SharePoint, MS Access, PlanView, PowerPoint, Clarity ,ALM, Lotus Notes Waterfall,Agile
Microsoft products	MS office 2003, Word, Excel, Power Point, Project, Visio

PROJECT DETAILS

Organization: Humac Inc
Duration: Feb'15 to Till Date

Organization: Fidelity Information Services (FIS)
Duration: Sep'09 to Jan'15

Project: Deposits –SYSTEMATICS (ST / IM /SC /GN / TX /RM architecture)

Client: Citizens Bank, RI
Environment: COBOL, DB2, ,CICS, JCL, VSAM, FILE- AID, CICSPLEX,XPEDITER,EZTRIEVE CA7,Endevor,QMF, SPUFI, MS OFFICE, MVS/ESA, MS WINDOWS,Planview,Clarity,Agile,INFOGIX
Description: Citizens Financial Group, Inc. is a $151 billion commercial bank holding company. It is headquartered in Providence, R.I., and, through its subsidiaries, has more than 1,500 branches, approximately 3,500 ATMs and approximately 22,600 employees. Its two bank subsidiaries are RBS Citizens, N.A. and Citizens Bank of Pennsylvania. They operate a 12-state branch network under the Citizens Bank brand in Connecticut, Delaware, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island and Vermont, and the Charter One brand in Illinois, Michigan and Ohio. CFG has non-branch retail and commercial offices in about 40 states. CFG is owned by RBS (The Royal Bank of Scotland Group).
Summary: I worked extensively on Savings Time /IM application projects.

IRA CHECK Printing: The project involves in automating the check printing process replacing the existing manual intervention. I worked primarily on the Batch components.
I had received a personal appreciation note from the client for this project as it helped reducing the time on generating the checks for the bank.

CD Early Withdrawal: This project is one the critical projects which I worked on .It involves adding a new process to apply any penalties for an early withdrawal on the CD before the maturity dates .The application needed online as well as batch module changes besides he GN architecture.

Account services Field level Security: This project had a requirement where the various ST screens and online programs needed to be changed in order to secure certain fields on the screens which were identified as secured/protected for the bank.

Mass affluent: This project involves in adding Officer codes for the Premier and Private accounts .This is another project where I received client appreciation as it was a challenge across time and had an interface across different systems in the bank.

Savings/IM Cycle: I have a complete understanding on the Savings Time /IM application life cycle .I hold the responsibility in running the cycles in the lower regions to test the elements for system testing.These cycles run every week.

Responsibilities:
➡ Manage software system development and integration projects through all phases of project life cycle - analysis, design, development, testing, implementation, and post-production support.
➡ Effort Estimation, Resource planning and skill level staffing.
➡ Work allocation, Monitoring project status, issues tracking, change controls to preserve scope boundaries.
➡ To participate in the meetings with System Architects, clients to analyze requirements.
➡ Involved in Design, Interfaces, Inter-Communications discussions & functional design documents.
➡ To facilitate walkthroughs of Program Specs, Code reviews, Unit test plan and test cases.
➡ To make sure that all the projects in the release are thoroughly tested.
➡ To prepare interface agreements for all the projects with upstream and downstream applications
➡ Responsible for completion of assigned projects within budgetary and scheduling guidelines

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Organization: **Wipro Technologies, USA**

Project: Global Funds Control (GFC)
Duration: Mar'08 to Feb'09
Client: Bank of New York Mellon, NY
Environment: COBOL, DB2, IMS DB ,CICS, JCL, VSAM, FILE- AID, XPEDITER, CA7, CHANGEMAN, QMF, SPUFI, MS OFFICE, MVS/ESA, MS WINDOWS, Planview
Description: The Bank's payment authorization system, on-line, real-time. Internal, receiving the payments to be Fund Controlled only from IMMS. Initially processed only cash vouchers, and then expanded to include Securities transactions. GFC purpose is to control payments to mitigate risk to the bank. Not all Payments/Trades are controlled – Only trades using NVI (IMMS) and for certain branches (4 branches at this stage) are Fund controlled. GFC is a MF based system, mostly real time with some Batch component.

Responsibilities:
➡ Manage software system development and integration projects through all phases of project life cycle - analysis, design, development, testing, implementation, and post-production support.
➡ Effort Estimation, Resource planning and skill level staffing.
➡ Work allocation, Monitoring project status, issues tracking, change controls to preserve scope boundaries.
➡ To participate in the meetings with System Architects, clients to analyze requirements.
➡ Involved in Design, Interfaces, Inter-Communications discussions & functional design documents.
➡ To facilitate walkthroughs of Program Specs, Code reviews, Unit test plan and test cases.
➡ To make sure that all the projects in the release are thoroughly tested.
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➡ Responsible for completion of assigned projects within budgetary and scheduling guidelines

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Organization: **Satyam Computer Services, USA**
Project: Brazil taxation Project
Duration: Sep'07-Feb'08
Role: Technical Lead
Client: Wal-Mart Stores Inc, Bentonville, AR
Environment: COBOL, DB2, IMS DB, CICS, JCL, VSAM, EAZYTRIEVE PLUS, FILE- AID, XPEDITER, CA7, CA-LIBRARIAN, QMF, SPUFI, MS OFFICE, MVS/ESA, MS WINDOWS
Description: Wal-Mart Stores, Inc. has been operating in Brazil since 1995. The tax calculation process in Brazil is complex and is currently being done using a third party product. The Brazil Tax project aims to integrate tax calculation system into the Wal-Mart applications. User Acceptance Testing of the changes to the Wal-Mart systems for the Brazil Tax project is being done using a set of test scenarios called 10-BOOKS. Wal-Mart has requested the Satyam QA team to help support the UAT, analyze problem tickets to find root cause and suggest fixes to be done by the Wal-Mart development teams.

Responsibilities:
➡ Manage software system development and integration projects through all phases of project life cycle - analysis, design, development, testing, implementation, and post-production support.
➡ Effort Estimation, Resource planning and skill level staffing.
➡ Work allocation, Monitoring project status, issues tracking, change controls to preserve scope boundaries.
➡ To participate in the meetings with System Architects, clients to analyze requirements.
➡ Involved in Design, Interfaces, Inter-Communications discussions & functional design documents.
➡ To facilitate walkthroughs of Program Specs, Code reviews, Unit test plan and test cases.

- ➡ To make sure that all the projects in the release are thoroughly tested.
- ➡ To prepare interface agreements for all the projects with upstream and downstream applications
- ➡ Responsible for completion of assigned projects within budgetary and scheduling guidelines

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Project: Trickle Polling
Duration: Jun'07 to Aug'07
Role: Project Lead
Client: Abercrombie & Fitch, New Albany
Environment: COBOL, DB2, JCL, FILE AID, XPEDITER, CA7, CHANGEMAN, QMF, SPUFI, IBM3090, and MVS/ESA
Description: Over the past several years, sales data has been transmitted from each store location to the home office through two distinct and separate methods. The oldest method is a batch polling process in which a full day's sales data is retrieved all at once in the overnight batch cycle. The data retrieved through this method is used to update the sales journal, update store inventory, and generate sales reporting including the daily sales flash. The second method, called trickle polling, retrieves sales data from a store at 15 minute intervals throughout the business day. The data from trickle polling is used in a variety of ways and has been audited to verify its accuracy. With this project, the batch polling process is being retired from a sales and inventory processing perspective. Batch polling will still be used to provide other data such as punch hours. The processes that use the sales data from batch polling are to be modified to use the data retrieved through trickle polling. The following are some of the benefits of using the data retrieved through trickle polling: Batch sales processing can begin earlier than the current batch process allowing IT to continue to meet system availability requirements while processing an ever larger volume of sales data Ability to have intra-day visibility to store sales.Higher availability of the sales data as data is retrieved throughout the day

Responsibilities:
- ➡ Attending Requirement meetings, Requirement analysis and Writing technical requirements.
- ➡ Prepare a low-level design for impacted modules and do estimation.
- ➡ Coding, test cases preparation, unit/Regression/string/system/acceptance testing and participate in reviews.
- ➡ Responsible for release coordination to maintain the configuration of modules and finally to deploy in Production Environment.
- ➡ Provide technical support to test environments and maintain DB2 tables.
- ➡ Extensively worked on COBOL/DB2 Stored procedures.
- ➡ Coded COBOL/DB2 programs.
- ➡ Coordinate and manage a team of 5 offshore resources and conduct knowledge transition sessions.
- ➡ Interact with Customers, clients and peers to diagnose, analyse and resolve problems.
- ➡ Prepare Project Schedules to ensure timely delivery.
- ➡ Support production calls to fix the batch Job abends.

Project: Conversion of the MortgageServ to Citilink-Single Premium
Duration: Dec06- May 07
Role: Technical Lead
Client: CITI-REL, O'FALLON, MO, USA
Environment: COBOL, DB2, CICS, JCL, FILE AID, XPEDITER, CA7, CHANGEMAN, QMF, WIN XP, IBM3090, and MVS/ESA
Description: CITI-REL is one of the largest financial services companies in the world, focusing on domestic property, asset management, and strategic investments.
The Project deals with the conversion of the MortgageServ to Citilink-Single Premium.The purpose of this project is to service the single premium insurance product loans that are currently serviced on the Mortgage Serv system.There are about 8300 loans currently on the Mortgage system.

Responsibilities:
- ➡ Program changes are done in Changeman.
- ➡ Extensively worked on trouble tickets (test director)
- ➡ Test plans were prepared for code testing.
- ➡ Documentation was produced in MS Word, MS Excel, MS PowerPoint.
- ➡ Coordinate and manage a team of 3 offshore resources and conduct knowledge transition   sessions.

Project: Nationwide Money Processing System (NMPS)
Duration: Dec'05- Nov'06
Role: Sr.Developer/Anaylst
Client: NATIONWIDE INSURANCE, COLUMBUS, OH
Environment: COBOL, DB2, JCL, VB6.0, CHANGEMAN, IBM3090, and MVS/ESA
Description: Nationwide is one of the largest insurance and financial services companies in the world, focusing on domestic property and casualty insurance, life insurance and retirement savings, asset management, and strategic investments.
The Project deals with the development, corrections, modifications and enhancements as well as Production Support of the Nationwide Money Processing System System.(NMPS).

The Money Processing System will be responsible for processing the money transactions received from various subsystems like LockBox, Remittance, BankCard, EFT etc .NMPS is the Web and Mainframe based application where the user takes the payments from customers. Users are Agents, Service centres, Business. NMPS does various functions like process checks/cash/MO, Lockbox Payments, Bankcard Payments, Mortgage EDI payments.

Responsibilities:
→ The Project involves analysis and programming changes.
→ Enhancements of the programs according to the specifications.
→ Coding new programs to extract customer-required information from backup Files.
→ Changing Data fields in copybooks.
→ Modified JCL's, which populate DB2 tables.
→ Involved in creating test plans, test cases and test data.
→ Identify, analyze and document defects, errors and inconsistencies in the application.
→ Review logs and reports to identify the program processing abends and improvements.
→ Monitor application performances after implementation to prevent recurrence of performs operating problems and ensure efficiency of operation.
→ Conversion testing, fixing trouble reports, loading test regions with test data cloned from production, revising, debugging, documenting and implementing changes/upgrades.

Project: Genesis Bill Payment Debit Engine
Duration: May'05 to Nov'05
Role: Project Lead
Client: CHECKFREE, OH
Environment: IBM S-390 (OS390), JCL, COBOL, VSAM, DB2, CICS
Description: The Project deals with the development, corrections, modifications and enhancements.The Genesis Bill Payment Debit Engine will be responsible for processing the debit side of the bill payment transactions electronically. Initially, the debit transactions will either be routed through the ACH Network or sent directly to participating financial institutions. Future phases of the Debit Engine may include the use of other electronic means such as credit card and ATM networks.The Genesis Bill Payment Controller will be responsible for splitting those bill payment transactions into debits and credits. The credits will be routed to the Remittance Processing Pipeline system for further processing. The debits will be further split by the Controller into Good funds Debits and ACH Debits for delivery to the Debit Engine.

Responsibilities:
→ Study the client's requirements and prepare the specifications
→ The Project involves analysis and programming changes
→ New programs (online and batch) are coded, compiled and implemented as and when need arises.
→ Extensively written embedded SQL statements.
→ Resolve the technical and application issues rose.
→ Preparing the strategies in testing.
→ Turning over the deliverables to the customer.
→ Production support.
→ Documentation.

Project: Migration of existing Business Solution Centre applications onto CHANGEMAN ZMF 5.3
Duration: Jul'03 to Apr'05
Role: Technical lead /Project Lead
Client: West Field Group Insurance, Westfield Centre, OH
Environment: VS–COBOL II, CICS, DB2, QMF, JCL, MVS, TSO/ISPF, VSAM.
Description: The objective of this project is to reduce the enterprise's risk regarding the quality and reliability of Westfield mainframe applications and to satisfy Westfield's internal auditor's issues regarding the lack of mainframe software configuration management by implementing Serena's ChangeManProject involved the migration of existing Business Solution Centre applications onto CHANGEMAN ZMF 5.3. Project is a 2-phase approach going live end of 2004.

Responsibilities:
→ Preparing specifications according to clients' requirements and modifying programs to meet client's requirements. Extensively involved in unit testing.Develop Project plan for the interfaces team using MS Project to identify the Tasks, Dependencies and Major milestones.Weekly status meeting with project manager, business team and team members to identify and track the issues. Develop a strategy to De-commission QUAL, Librarian and SAR compiles deploy the Libr Applications with a smooth transition from the existing case management system. Conduct workshops with the Business and IT teams to identify the data/interfaces requirements to support Change Man. Create the Entity-Relationship Diagram of the existing QUAL process using Visio. Represented the SCM team during the Change man Expert Services Review of the Application conversion. Conducted Data Mapping workshops with the Business users and the Technical Team to develop the Data Extraction, Transformations and Cleansing rules.

Project: Membership & Billing System

Duration:	Dec'02-Jun'03
Role:	Sr Programmer Analyst
Client:	Blue Cross & Blue Shield of Louisiana, Baton Rouge, LA, USA
Environment:	COBOL II, IMS DB, IMS DC DB2, JCL, TSO/ISPF, XPEDITER, MVS, FILE-AID.
Description:	The Membership & Billing System is a home grown, mainframe application, written in COBOL /Focus and DL/I, that reads over 50 databases of IMS, VSAM, and DB2 design. The system runs on an OS/390 IBM mainframe as an IMS Message Processing Program (MPP). The core system consists of about 500 modules statically linked together into one executable load program and several online screen programs that message switch to and from the core system. The system accepts input from the scanning applications, EDI sources, and data entry screens. Running a stream of test Job Control Language (JCL) and/or accessing by IMS screen programs in a test environment can accomplish testing of the System. All enhancements to the system are controlled through Change Man, a change management product from Serena Software, Inc.All the reports have been developed /generated using the FOCUS language on the Membership & Billing system.
This reports operation allows the user/programmer to concentrate on the details of working with the data within each record of the M&B system, in effect working almost entirely within the Billing system for any specific details .The system uses certain procedures to generate the printing or statistical analysis, and merely require the user/programmer to identify the requirements.

Responsibilities:
⇒ Study the client's requirements and prepare the specifications
⇒ The Project involves analysis and programming changes
⇒ New programs (online and batch) are coded, compiled and implemented as and when need arises.
⇒ Extensively written embedded SQL statements.
⇒ Resolve the technical and application issues rose.
⇒ Preparing the strategies in testing.
⇒ Turning over the deliverables to the customer.
⇒ Production support.
⇒ Documentation

Project:	PALLM system (Personalized Automated Life & Liability Management)
Duration:	Apr'01-Nov'02
Role:	Sr. Programmer Analyst
Client:	GE - Financial Assurance, Schaumburg, USA
Environment:	COBOL II, DB2, JCL, ENDEVOR,TSO/ISPF, XPEDITER, MVS, FILE-AID.
Description:	The PALLM system has been developed using COBOL and CICS screens for the on-line applications and COBOL and JCL for batch processing. The data are stored using the VSAM files of which the Policy Master file is the primary file containing information about the various policies. Additionally, there are 22 subsidiary files to support the master file. The online transactions are entered into transaction files, which are then processed using the daily, weekly and monthly batch jobs depending on the frequency of processing.

Responsibilities:
⇒ Study the client's requirements and prepare the specifications
⇒ The Project involves analysis and programming changes
⇒ New programs are coded, compiled and implemented as and when need arises.
⇒ Extensively written embedded SQL statements.
⇒ Resolve the technical and application issues rose.
⇒ Preparing the strategies in testing.
⇒ Turning over the deliverables to the customer.
⇒ Production support.
⇒ Documentation

Project:	Program Funding System
Duration:	Sep'00-Mar'01
Role:	Programmer Analyst
Client:	GE-Appliances, Louisville, USA
Environment:	COBOL II, DB2, JCL, ENDEVOR,TSO/ISPF, XPEDITER, MVS, FILE-AID.
Description:	Program Funding System serves the general purpose of tracking all program funds budgets, commitments and actual expenditures. PFS consists of all funds associated with one time projects and initiatives and is broken down into two distinct categories, technology funding and commercial funding. The goal of this project is to replace the existing program funding processes with a new system addressing the following capabilities. Linking the technology and commercial decks. One integrated, web-based system that accommodates funding requests, budgets, commitments and actual charges incurred as well as associated program benefits. The ability to summarize pending requests, budgets, commitments and actual charges at any given point of time to any level of granularity. The ability to generate both standard reports as

described within this specification as well as Ad-Hoc reporting including variance report capabilities. The ability to track effort as assigned by program.

Responsibilities:
- Study the client's requirements and prepare the specifications
- The Project involves analysis and programming changes
- New programs are coded, compiled and implemented as and when need arises.
- Resolve the technical and application issues rose.
- Preparing the strategies in testing.
- Turning over the deliverables to the customer.
- Documentation

Duration: Mar'00 to Aug'00
Role: Programmer Analyst
Client: GE-Appliances, Louisville, USA
Project: Program Funding System
Environment: COBOL II, DB2, JCL, ENDEVOR,TSO/ISPF, XPEDITER, MVS, FILE-AID.
Description: GE is one of the Fortune500 companies having various units located all over the world. Its has various product lines like refrigerators, dishwashers, ranges. It has got various production units at Louisville, Lafayette, and Decatur etc. It involves in the design of products on Pro/E

Responsibilities:
- Involved in the preparation of BCN (Business Change Notice) using CICS on with database as DB2 on MVS/ESA Reviewing the specifications provided by the client. Communicating with the client for clarifications when needed.
- Coding according to the specs.
- Performing reviews.
- Resolving technical issues.
- Performing Testing and verifications
- Documentation

Project: Agency Information Management System (AIMS)
Duration: Jun'99 to Mar'00
Role: Programmer Analyst
Client: SFI, Bloomington, Illinois, USA
Environment: COBOL II, IMS DB, PL/I, DB2, JCL, TSO/ISPF, XPEDITER, MVS, FILE-AID
Description: The Project deals with the development, corrections, modifications and enhancements required by different application systems of SFI to keep it operational. It involves various stages of Software Engineering processes like Analysis, Preparing Technical System Design (TSD) documents, Code Change Document (CCD), Coding, Testing, Reviews and also checking the quality of the software. The programming languages used are VS-COBOL and PL/1 with DB2 and IMS/DB as databases. CICS as online transaction program. AIMS involved maintenance of Agency Related Database systems, Coding changes according to changes in policies etc.

Responsibilities:
- Study the client's requirements and prepare the specifications
- The Project involves analysis and programming changes
- New programs are coded, compiled and implemented as and when need arises.
- Resolve the technical and application issues rose.
- Preparing the strategies in testing.
- Turning over the deliverables to the customer.
- Documentation

Project: Agency Information Management System (AIMS)
Duration: Oct'98 to May'99
Role: Programmer Analyst
Client: SFI, Bloomington, Illinois, USA
Environment: COBOL II, IMS DB, PL/I, DB2, JCL, ENDEVOR, TSO/ISPF, XPEDITER, MVS, FILE-AID
Description: The Objective of this project was to analyze and remediate the components for Y2K compliance of COBOL, PL/I, ADF (only remediation), IMS/DB (only scanning), VSAM (only scanning). The entire process is divided into three phases like: Scanning, Remediation and UTP.Scanning comprises of loading the PL/I and COBOL modules into SV2000 tool and getting   KWIC reports which is the basis for analysis. For other components like scanning of IMS/DB, VSAM, manual analysis is done. Remediating the code comprises of making changes to the existing code for Y2K   compliance using the Fixed Window and Sliding Window techniques. UTP comprises of preparing the test cases and further testing of the code for current and future business critical dates, given by the client.

Responsibilities:
- Involved in analysis, enhancement and testing.
- Existing programs are modified to enforce business rules.

- Involved in unit testing, baseline, regression and future date testing.
- JCL modified to suit testing environment.
- Involved in Y2K complain code changes