

PROFESSIONAL SUMMARY

- Business System Analyst with over 6 years of experience working across industries with proven track of planning and successfully implementing technical/functional systems with expertise in the Financial Services Industry, working knowledge of Accounting, Banking, Mortgage and Treasury systems.
- Profound experience in Data Modeling, Data Warehouse/Data Mart Design, evaluating Data Sources and strong experience of ETL and Business Intelligence.
- Proficient in Data Analysis, Data Validation, Data Lineage Data Cleansing, Data Verification and identifying data mismatch.
- Adept at writing Data Mapping Documents, Data Transformation Rules and maintaining Data Dictionary and Interface requirements documents.
- Experience in SAS Package, R, and SAS Enterprise Guide.
- Good understanding and experience with Capital Markets, Money markets, Trading Systems, Derivatives (Strong in Options), Equities, Fixed Income, US government Treasury Securities (T-Bills, T-Bonds and T-Notes), Municipal Bonds, Stocks Trading Cycle, Margin Requirement, Mark to Market, Hedge Funds.
- Experience in the implementation of regulatory guidelines such as the USA Patriot Act, Basel-II, Sarbanes - Oxley Act, SEC Rule 10b-5, Securities Exchange Act of 1934 and basics of DTCC, FINRA, ISDA, SEC, etc. in Financial Institutions.
- Developed new and modified existing SAS programs to load data from the source and create study specific datasets.
- Experience in working with SAS Enterprise Guide Software for reporting and analytical tasks.
- Strong expertise in reporting and summarizing data using PROC REPORT, PROC TABULATE, PROC SUMMARY, PROC MEANS and PROC FREQ.
- Experience prepared conceptual data models for long-term solutions, created logical and physical data models using best practices to ensure high data quality.
- Created numerous database diagrams such as conceptual data flow diagrams, ERD, Sequences Diagram, and activity diagram.
- Highly adept in using SAS efficiency techniques and experience in handling huge volumes of data.
- Strong understanding in various SAS STAT techniques such as ANOVA, Pearson chi-square test, T-Test, Correlation and Regression Analysis.
- Strong experience in Business and Data Analysis, Data Profiling, Data Migration, Data Integration and Metadata Management Services.
- Extracting, transforming and loading data into data warehouse using SAS DI Studio, Informatic Power Center, SSIS for further analysis and reporting.
- Experience with the design of Data Marts in dimensional data modeling using star and snowflake schemas.
- Strong Data Quality Management background performing analysis, monitoring and tuning to maintain data integrity as a part of Data Governance.
- Strong SQL knowledge for querying the database and proficient in developing External Tables, Joins, Indexes, Data Modeling, Analysis, Verification, Cleansing, Transformation, Integration, Mapping, Extraction, Load Process from multiple Data Sources.
- Hands on experience in SAS programming for extracting data from Flat files, Excel Spread sheets and relational databases through proc import procedure and SQL pass thru facility.
- Excellent experience in troubleshooting test scripts, SQL queries, ETL jobs, data warehouse/data mart/data store models.
- Well versed in Normalization / De-normalization techniques for optimum performance in relational and dimensional database environments.
- Knowledge of SAS performance improvements techniques for different processes and effective team player with strong communication & interpersonal skills.
- Experience in identifying the user requirements; Functional and Non-Functional, capturing AS IS and TO BE business processes.

- Proficient in creating BRD (Business Requirement Document), FRD (Functional Requirement Document), PDD (Project/ Product Definition Document), SRS (System Requirement Specification), Requirement Traceability Matrix (RTM), and Change Management Documents.
- Experience in constructing Application Architecture Work Objects; System Application Flow, User Interface Validations, and System Interface Validations.
- Expertise in creating Business Processes, Reports, Screen Layouts, Wireframes, and Prototypes.
- Hands on working knowledge of the Software Development Life Cycle (SDLC) and software methodologies like Waterfall, Agile, Scrum, and Rational Unified Process (RUP).
- Proficient in analyzing and creating Use Cases and Use Case Diagrams, Activity diagrams, Class diagrams and Sequence diagrams, Business Processes, Business workflow Diagrams, and Data Flow Diagrams.
- Extensive experience on various project management tools, processes & methodologies.
- Expertise in conducting Joint Requirement Planning (JRP) sessions, Joint Application Development (JAD) sessions with a committee of Subject Matter Experts (SME's) senior management and IT groups.
- Expertise in Data Migration and Conversion and analyze data from multiple source systems.
- Highly adept in creating and reviewing the Test Procedures, Test cases, and Test scripts.
- Supported the end user by documenting the user guides and training materials.

TECHNICAL SKILLS

Testing Tools:	QTP/UFT, Selenium IDE, Selenium Web driver, SOAP UI, Load Runner, Win Runner
Documentation Tools:	ALM Quality Center, Clear Quest, JIRA, Bugzilla
Databases:	Oracle, MS Access, MS SQL Server, Linux Server
SAS Tools:	SAS/BASE, SAS/STAT, SAS/SQL, SAS/GRAPH, SAS/MACRO, SAS/EG, SAS/ODS, SAS/ACCESS and SAS/CONNECT
Operating Systems:	Windows 2000/ XP/NT, UNIX, Mac OS X, Mainframe, Linux
Scripting Languages:	VB Script, SQL, HTML, XML and C
MS Office Tools:	MS Excel, MS Word, MS Project, MS Visio
Methodologies:	Waterfall, Agile-Model
Programming tools:	Java, MySQL, HTML 5, CSC, JavaScript,

PROFESSIONAL EXPERIENCE

Freddie Mac – Mclean, VA
Business System Analyst

December 2017 – Present

Working with LPA SER Flow project to build off of momentum of the LPA SER infrastructure project and integrate the Attribute Tool Box (ATB) tool and the new scoring service into the scoring flow of Loan Product Advisor (LPA) and Loan Quality Advisor (LQA). The goal is to bring in-house some of the scoring functions currently handled by a third vendor outside of Freddie Mac. Further, actively working as System Business Analyst to the Loan Quality Advisor (LQA) to integrate with new service and enhance the performance of different services within the application.

Responsibilities:

- Review and analyze Business Data Requirements, Business Requirements and Sample Data to elicit detailed data mapping requirements, including transformations and relationships between the data, data integrity and constraints.
- Maintain responsibility for the overall requirements deliver for assigned projects Drive key requirement decisions.
- Work closely with developers and a variety of end users to ensure technical compatibility and user satisfaction
- Become subject matter expert across assigned domain and applications with general understanding of upstream and downstream interfaces.
- Identify process gaps and recommending process improvements across project teams and delivery services by challenging status quo, fostering innovative thinking and engaging key stakeholders.
- Responsible for ensuring the final product meets customer's expectations.

- Lead and support change control on requirements.
- Develop business rules spreadsheets (BRs) to document data movement/data transformation rules.
- Work with developers, data modelers, testers and business area SMEs to support development, system testing, UAT
- Support all phases of the project development lifecycle using SDLC, Agile and other project methodologies.
- Support System Testing, End-to-End testing, and UAT.
- Involved in the full life cycle of a project, which includes identification of detail system requirements, design, development, testing and implementation
- Write system-level requirements as well as business requirements through user stories.
- Convert business requirements to into detailed system requirements and functional specifications when applicable.
- Provide a proper translation of business requirements into detailed system level requirements by reviewing technical designs properly.
- In depth Knowledge of Mortgage Industry and Freddie Mac's role in the Industry.
- Expert in using Agile Methodology in a highly regulated environment.
- Expert in MISMO and Canonical Data Model (CDM) data models.
- Uniform Loan Delivery Dataset (ULDD) and Uniform Closing Dataset (UCD).

Ally Financials – Charlotte, NC
Sr. Data/Business System Analyst

May 2017 – December 2017

Primary goal for this project is to supply Core data to the SAS Fraud and AML Applications, which includes working with Business, Stakeholders, and Development from multiple process areas to analyze/design/document programs, processes, and procedures to extract, transform, integrate, and load data for as-is and to-be systems. Further, the project also encompass another area to provide an operational data store for various entities including but not limited to Fraud, Mortgage, Cyber Forensics and third party vendors. Which requires the development of logical modeling relevant to databases and data systems for as-is and to-be systems and knowledge of enterprise data architecture principles, data system platforms and database programming languages and tools.

Responsibilities:

- Understand and document as-is and to-be Data Extract-Transform-Load (ETL) jobs with expertise in the usage of Data Mapping tools such as IBM InfoSphere and Informatica.
- Worked in various environment Production, Model, and development.
- Worked on various databases including Salesforce, Oracle and SQL Server.
- Create source to target mappings documents for both data integration as well as report output that can be easily understood by team members, business users and stakeholders.
- Designed and developed ETL Architecture to load data from various sources; Excel, Flat files, XML and JSON Files into Oracle database.
- Create interface documents and mappings for as-is and to-be jobs and processes for various projects including Fraud, Mortgage, and Invest teams.
- Reviewed and approved the test cases for UAT. Assisted in training the Business Owners on the changes and enhancements.
- Work with ETL development team to make sure data is modeled & available in the Data Storage tables that can be used by down streams as required
- Analyzing data sourced in ETL tables and doing data mapping and data optimization using SQL
- Documented source system functionality, data imports, data types in order to help Data Integration and ETL developers.
- Ensure requirements quality through story mapping and organizing the managing the stories flow.
- Render the workflow and processes targeted through prototyping.
- Work with ETL team to understand data load/data mapping issues to make sure data warehouse tables are developed as per the business requirements

- Worked with technical team to provide clarifications of the requirements to ensure the data is captured correctly in ETL tables.
- Performs technical analysis of user stories and acceptance criteria.
- Use SQL to manipulate and analyze data and perform Data Analysis and manage to make complex ideas or situations clear, simple, and understandable to both the business and development sides.
- Conducted Testing due to shortage in manpower using various tools such as Beyond Compare.
- Conducted User Acceptance Testing (UAT) to test the application.

Environment: Agile, ETL, SQL, Web Services, MS Project, Windows XP, MS Visio, MS Excel, SSIS, SSRS, SAS, Share Point, Oracle TOAD, JIRA, Salesforce, Oracle, SQL Server, Infosphere.

The Art Institute of Washington - Arlington, VA

Dec 2015 - Aug 2016

Sr. Business System Analyst

Working as a Business System Analyst on the building of an international recruiter's portal and integrated with Campus view their admission platform to automate the admission process from start to end for recruiters to enhance the recruiting process. This included various enhancements to the admission platform.

Responsibilities:

- Working in an Agile Framework.
- Working actively as IT Business Analyst in Scrum Team.
- Had daily stand-up meetings with scrum master and scrum team and product owner, so as to discuss the whereabouts of the project for different sprints.
- Converting Business requirement into user stories for scrum development and Quality assurance team.
- Creating User stories with acceptance criteria and grooming it to get approval from scrum team and business along with story point estimation.
- Ensured entire team members have accesses to SharePoint to retrieve information related to SDD, SRS, BRD, FSD, Scope Information, Use Cases, Process Diagrams and Test Cases.
- Used JIRA for Sprint storing creating, tracking and update for entire sprint.
- Participated in Sprint Planning meeting, Sprint Retrospective meeting for each 4-week sprint iteration.
- Performed Data analysis and gap analysis using SQL queries.
- Worked in coordinate with IT Team members, business subject matter experts and Various Vendors.
- Validated Quality Assurance Test plan and Test case for user stories and provide support for test execution.
- Created training documents for UAT personal and team members.
- Created BRD and FSD for Vendor partner by having JAD session with teams and Business user and end users.
- Experienced in working Change Controls and various process related change control.
Developed Use Cases, Process Diagrams using VISIO and worked with team in developing Business Rules.
- Gained control over the expectations of the Development Team, Testing Team and Deployment Team and work with management to show day-to-day project progress.
- Maintained constant communications with business regarding various production issues and resolutions.
- Facilitated status update meetings including distributing minutes and ensuring all actions are closed out in a timely manner.
- Performed root cause analysis on defect and issue in the application during a sprint iteration.
- Coordinated efficiently between the technical team and operations team so as to prioritize prime issues and concerns.
- Defect tracking and update using HP ALM application.
- Developed a (UAT) User Acceptance Testing plan to guide a select group of key end-users in testing the user interface and functionality of the application.

Virginia International University – Fairfax, VA

Aug 2011 – Aug 2015

Business System/ SAS Analyst

Worked with IT contractors hired by the university and Played a key role in creating data files for targeted marketing campaigns and prospect students communications which predominantly where international to accomplish their 5 years target of a 1000 students recruits. Complete projects from start to finish (translating business strategy into technical requirements, generating customer and prospect lists, conducting internal audits, and creating profile, waterfall, and distribution reports). Also worked on automate the admission process from start to finish and revamping the university database from DB2 to Oracle.

Responsibilities:

- Responsible for Business analysis and requirements gathering.
- Design and develop, efficient tool for data integrity tracking.
- Maintained performance reports, creation of reports for online and batch application of various server and Involved in preparing executive Dashboards for senior level management.
- Used SAS, SAS Macros, Procedures like SQL, Freq, Univariate, Summary, Means, Transpose, Arrays, Tabulate, and Sort to extract data, prepare integrated data base and its analysis.
- Extracted data sets from server using Proc Import and created datasets in SAS libraries. Coding SAS programs with the use of SAS/Base and SAS/Macros for ad-hoc jobs
- Reporting Scripts and SAS jobs will be modified to connect to DB2.
- Responsible for generating Financial Business Reports using SAS Business Intelligence tools (SAS/BI) and also developed ad-hoc reports using SAS Enterprise Guide.
- Experience in Teradata tables and created Logical and Physical Data Models using Erwin design tool.
- Used various Tagsets options in SAS ODS Markup engine (Excel XP, MS office, MSoffice2k) to deliver the Formatted EG reports as XML /HTML sheets that could be opened with Excel directly.
- Integrate data from various system sources (flat files, CSV, text form, and other formats) using SAS.
- Created Custom Stored Compiled Macro's to help Analysts export 'formatted' datasets to MS excel.
- Analysis, programming and creation of reports on existing strategies using SAS and SQL.
- Understanding various data sources to the GRMS (Global Risk Management System).
- Extracting data from flat files using SAS Base and Macros. Involved in code changes for SAS programs on windows.
- Raised queries on the existing Oracle and SQL Server databases to provide ad-hoc reports using SAS/SQL.
- Configured SAS BI components and solved BI related issues.
- Revising a series of Oracle PL/SQL programs to SAS for extraction of data from Oracle in Enterprise Miner.
- Validating and profiling the variables using SAS Base / Macros using proc freq, proc means, proc format and proc univariate.
- Provided analysis, development, and testing for SAS programs using Teradata DataMart to consumer and small business areas for market analysis.
- Created batch and interactive applications utilizing SAS/Base, SAS/SQL, and SAS/Macros.
- Daily generate consolidated reports and alerts using SAS.
- Developed various SAS / AF screens to publish the SAS Datasets and reports / graphs.
- Developed programs to create daily HTML reports using ODS and CSV reports using Proc Export.

Education

Master of Science in Finance (MSF)

Master of Business Administration (MBA)

Bachelor of Electrical Engineering (EE)