Vignesh Naidu   
Email - vigneshnaidu.ed@gmail.com   
Phone - 408-821-0192 -Visa - GC **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**A proficient **Systems Analyst** with over 8 years of Information Technology experience in the Financial Services Industry, with in depth knowledge of the Software Development Life Cycle (Waterfall, RUP, Agile) in capturing/analyzing Business, IT & Functional Requirements, Business Process Re-engineering, Object-Oriented Design/ Modeling, Service Oriented Architecture and Project Management.

**Professional Summary**:

* Strong Fixed Income and Financial Derivatives exposure while working in top bulge bracket banks and financial firms.
* Highly experienced in financial instruments within investment banking and brokerage (Derivatives, Fixed Income, Hedge Funds, Capital Markets, Energy trading, FX, Futures, Options, Commodities, Debt, Equity and Structured Products, Mutual Funds, Swaps, Asset Backed Securities) and wealth management environments.
* Well versed with Risk Management (BASEL - Credit, Market, Operational), Sarbanes Oxley (SOX); Portfolio Risk (Credit Risk; Market risk across all assets, Obligor Risk Rating, Facility Risk Rating, Statement Forecasting, Stress Testing, PD); Trading (Trade lifecycle, Straight through Processing and SWIFT) concepts.
* Multi-discipline experience spanning Project/Program Management, multiple areas in Compliance and Risk domain, strong database and application development skills.
* Strong Business and implementation skills in building compliance models spanning Trade Surveillance, Fraud (Payments) and Client On-Boarding compliance platforms.
* Assisted in identifying BSA/AML/OFAC compliance risk and ensures that proper controls, procedures, processes and training are in place to mitigate these risks.
* Worked closely with project stakeholders, SME & staff to understand requirements and specifications for new applications along with re-engineering the existing application.
* Strong writing skills in preparing Business Requirement Documents (BRD), System Requirement Specifications (SRS), Software Requirement Specifications (SRS),Use Case Specifications, Functional Specifications (FSD),Requirement Traceability Matrix (RTM) and Technical Design Document (TDD).
* Defined project plans then translated business requirements/user expectations into detailed specifications like Use case diagrams, flow charts, activity diagrams, sequence diagrams, use case document, test plans, and test case documents employing UML.
* Adept in data modeling, creating star/snowflake schemas and fact/dimension tables in addition to designing E-R models, both logical and physical, using Erwin Data Modeler.
* Proficient in conducting User Acceptance Testing (UAT), verifying performance, reliability, and fault tolerance issues.
* Proficient in web programming using HTML, XHTML, AJAX, CSS, JSP, JSTL, Rich Faces, JSF and JavaScript.
* Familiar with testing tools (QC) to design as well as generate test plans and test scripts and their execution.
* Extensively worked in developing Functional Design Documents (MD50), Technical Design Documents (MD70) using Application Implementation Methodology (AIM).
* Moderate to high proficiency in SQL Queries and MS Excel.
* Experience in integration of various data sources including Oracle, SQL server, DB2, Sybase, and MS access and non-relational sources likeflat files into staging area.
* A highly motivated, detail oriented and aggressive self-starter with integrative thinking & problem solving skills, capable of forming and maintaining positive and productive working relationships in an internal, external, independent, and team environment.

**Technical Skillset**: MS Office (Excel, Word, PowerPoint, Project, Visio, Access, Publisher, FrontPage, Outlook, Communicator/Lync), MS SharePoint , Lotus Notes, VB 6.0, Mainframes, SWIFT, Rational Suite (Rose, Requisite Pro, Clear Quest), Oracle, AbInitio, Teradata, DB2, Sybase Rally, SSIS, SQL Server, Toad, Oracle 9i/10g, Adobe CS3/CS2 (Photoshop, Illustrator, Acrobat, Dreamweaver), HP Quality Center 9.2, Atlassian, Java, JSP, HTML JIRA , Serena, IRise, Mobius.

**PROFESSIONAL EXPERIENCE**

**HSBC Bank, NY, NY Nov-2012-Jun-2014**

**Systems Analyst (Global Risk Initiatives)**HSBC is one of the largest banking and financial services organizations in the world. Through an international network linked by advanced technology, including a rapidly growing e-commerce capability, HSBC provides a comprehensive range of financial services: personal financial services; commercial banking; corporate, investment banking and markets; private banking; and other activities. The requirement was to develop a system for the credit cards division to monitor credit card business. Mainframe web based architecture was developed considering the increasing business volume of the credit card division and user-friendliness.

**Responsibilities:**

* Analyzed clients systems and business processes.
* Addressed all aspects of credit card business.
* Established a Business Analysis methodology around the Rational Unified Process.
* Researched the various steps in the lifecycle and then constructed the system in a way that the high risk customers would be easily identified and monitored.
* Streamlined clerical work processes and mapped then into the new system.
* Developed project plans and managed project scope.
* Work with the developers to develop conversions, interfaces, reports (MD50’s).
* Involved in gathering and preparing the requirements documents for replacing the existing commercial lines of businesses from legacy to web-based system
* Track the progress of the defect fixes assigned to the Onsite and Offshore team
* Assisted in building a Business Analysis Process Model using Rational Rose and Visio.
* Used Castor to create objects from XML documents. Involved in Logical & Physical Data Modeling. Database Schema design and modification of Triggers, Scripts, Stored Procedures in Sybase Database Servers.
* Prepared High Level Logical Data Models and BRD’s (Business Requirement Documents) supporting documents containing the essential business elements, detailed definitions, and descriptions of the relationships between the actors to analyze and document business data requirements
* Collected business requirements to set rules for proper data transfer from Data Source to Data Target in Data Mapping.
* Prepared Functional design document (MD50) and Technical design document (MD70) to extract data from external system to custom revenue sub ledger (ALE) and then to Oracle GL interface and then to post to Oracle general ledger.
* Used JSP, CSS, JavaScript, Ajax, and JQuery calls for developing user interface layer and Struts developing web tier for business logic.
* Extracted the data from Flat files, SQL Server, Oracle, DB2, and Sybase and load the data into flat files, Oracle and SQL Server using Informatica Power center.
* Performed extensive Requirement analysis and developed use cases and workflows.
* Documented custom processes by using AIM Methodologies
* Designed and developed Use Cases, Activity Diagrams, Sequence Diagrams, and OOD
* Played a key role in the planning, User Accepted Testing, and Implementation of system enhancements and conversions.
* Designing the front end using JSP, JQuery, CSS and Html as per the requirements that are provided.
* Provided key input in working with users in defining project and system requirements.
* Developed strategic partnerships with the business units to develop a solid knowledge base of the business line; including the business plan, products, and process and revenue streams.
* Documented and delivered Functional Specification Document to the project team.
* Conducted JAD sessions for communicating with Stakeholders and Project directors.
* Developed business requirement specification documents as well as high-level project plan.
* Assist the PM in setting realistic project expectations and in evaluating the impact of changes on the organization and plans accordingly and conducted project related presentations.
* Conducted benchmarking activities to identify best practices.

**Environment:** Mainframes, Sybase,Java,JSF, COBOL, JCL, Db2, Oracle, Rose, Application SQL ,MS Word, MS Excel, MS Visio, LoadRunner, WinRunner

**UBS Investment Banking, San Jose, CA Apr-2011-Sep-2012  
Systems Analyst**Payments Gateway is a high-capacity modular B2B payment processing web application developed to enable merchants to process single or recurring electronic check (ACH, credit card and debit card) transactions in either real time or batch mode. Furthermore, by sending every financial transaction through the Payments Gateway, negative and positive check identity verification is obtained in real-time. I worked on online marketing campaigns for this product, along with other reporting ancillary applications.

**Responsibilities**

* Participated in change management teams on derivative (OTC)/collateral management/margin calculation area
* Created business requirement document for VAR based independent amount calculations for Equity, Credit, Interest Rates and FX swaps
* Prepared requirement document for collateral posting and contingent liability reporting of derivatives SPVs due to credit rating downgrade by S&P and Moody’s
* Prepared BRD and test cases for consumption of margin calculations from risk based calculator in to back office collateral management system including feed specifications, dispute handling, and reconciliation and reporting
* Sybase: Designed and developed table structures, Transact-SQL stored procedures and triggers to implement business rules.
* Involved in the development of dynamic web pages for reports using JSP, HTML
* Prepared current state and gap analysis documents and presented to senior stake holders for segregation of independent amount and third party custodian interface with help of business and technology partners including cash and securities settlement, reconciliation and reporting
* Integrated vendor pricing/reference data into the model to gain insight into market sentiment and trading transparency from a macro to individual stock level
* Prepared Test document including test scripts for enhancement in to Legal Documentation System (ISDA Master Agreement/CSA) and collateral management system with the help of business, operations and technology partners
* Excellent hands-on, designing, defect fixing, optimizing, troubleshooting skills in Ab-Initio ETL tool.
* Coordinated QA and UAT including defects and its resolution by technology team in timely manner
* Responsible for the review of requirement documentation done by junior analyst and mentoring for their project management career paths
* Created collateral operations specific project plan and defined end to end work streams and stake holder matrix for target state collateral
* Prepared RFP document for custodian liaison and interface and participated in discussions with various Custodians (BONYM, JPM, State Street etc.) for automation and STP processing of collateral
* Extensive database experience and highly skilled in SQL Server, Oracle, DB2, Sybase, XML Files, Flat Files, MS Access.
* Designed and developed Customer registration and login screens using JSP, HTML/DHTML and JavaScript.
* Prepared target state flow diagram for collateral at third party custodian including treasury, settlement and reconciliations system interface for cash and securities processing
* Evaluated regulatory impact on credit, and collateral provisions in ISDA CSA such as minimum transfer amount, threshold and rounding, eligible collateral, re-hypothecation, segregation of independent amount and compared them to current capabilities
* Conducted gap analysis and prepared BRD document for enhancement in legal documentation system and its feed into margin system
* Creating load ready files using Ab Initio ETL tool to load into database.
* Conducted data analysis with assumptions and prepared cost estimate for CSA / ISDA Master Agreement renegotiation efforts in light of Regulatory Reforms
* Utilized XML data for communication purposes through FpML, SWIFT
* Prepared Bilateral OTC derivatives matrix and Client profile decision tree for front to back workflow, collateral operations, legal documentation, margin calculations, reconciliation and reporting based on dynamically changing regulatory requirements

**Environment** Rational Suite(Rational Rose, Rational Requisite Pro, Rational Clear Quest, Rational Clear Case), Rational Unified Process (RUP),Java, J2EE ,JSF,technology, Windows Advanced Server, UNIX / Oracle Platform, Markit data, MS Visio, SSIS, SQL Server, Sybase,, Microsoft Office suite, Bloomberg, Reuters.

**St. Lukes Hospital, Boise, ID Oct-2009-Feb-2011   
Business / Systems Analyst**

St. Lukes hospital in Boise provides super specialty and multi-specialty services to the community and had skilled nursing home facility at different locality. The project was aimed to integrate the finance application and claim reimbursement systems of the skilled nursing home facility with parent system. The system was designed to reduce the administrative overheads, resource reductions as part of their budget initiative measures for 2007-08, maintain accuracy on the accounts maintained for each plans and claims through unique claim editing process.

**Responsibilities**:

* Gathered business requirements through user interviews, JAD sessions and analyzed the requirements which include health and business compliance regulations
* Performed complex analysis and broke down to simple requirements to be able to be captured in the system
* Rational unified process methodology was used as part of project development.
* Documented Functional Requirements for business level components, user interface, and system security
* Designed Use cases and verbose as part of functional document specification
* Designed and developed Use Cases, Activity Diagrams, Sequence Diagrams and UML
* Performed risk analysis for business and health compliance outcomes
* Coordinated with the project team on MS Share point to reduce redundancy across two systems
* Had acquired training for non – Oracle Databases such as MySQL, Informix brownbag, Sybase
* Participated in performance analysis on existing initial and concurrent based review, peer to peer review, and peer to admin review and transferred the requirement to Facets for adjudication process
* Extensive development using Ab-initio and PL-SQL
* Involved in the development of HTML pages, JSPs and CSS for different User Interfaces.
* Participated in the analysis, design, testing and implementation of plan items, system enhancements, bug fixes and release coordination
* Performed GAP Analysis while mapping the functional requirements and in UAT
* Developed front end using HTML, JSP
* Worked with EPIC clarity, EPIC radiant and EPIC sun quest web portals designed for physicians and providers to update EMR records and store it in web server.

**Environment** Rational Rose Enterprise, MS shares point,Java,JSF, EPIC, MS Office, MS Visio, RUP, UML, SQL, Oracle, SIPOC  
**RBS Citizen, Cranston, RI** **Apr-2008-Aug-2009**   
**Systems Analyst**

RBS Citizen is an international bank which delivers outstanding results across credit origination and trading, asset management, wealth management, loan markets, rates, mortgages and foreign exchange. RBS purchased single and multi family residential mortgages and mortgage-related securities, which was financed by issuing debt instruments in the capital markets. The project involved developing a risk analysis and modeling system for the collateral pools that has been purchased and securitized. This project followed Agile Scrum methodology

**Responsibilities**

* Gathered business requirements pertinent to the pool of mortgages and their risk assessment criterion that are used to issue Fixed Incomes like bonds & Treasury bills and converted the same into functional requirements by implementing the agile scrum methodology and authored the same in Business Requirement Document (BRD)
* Maintained advanced knowledge of fixed income markets
* Involved in the process of understanding and creating business rules for analyzing the pricing mechanism of fixed income products (treasury bills/notes/bonds) to understand the credit rating criterion used by the credit rating agencies
* Designed dashboards using wireframes & mockups to generate results in form of graphs, which in turn helped the fixed income portfolio team to create credit enhancement strategies
* Created requirements document and user stories for the development and test teams using the Rational Jazz Suite – RTC and RRC tools
* Identified and removed blockers, facilitated frequent retrospectives and shared metrics to identify and implement improvements
* Involved in Scrum Sprint Planning Sessions, Backlog Grooming, Sizing, Sprint Retrospectives & Reviews, and Daily Stand-ups
* As Scrum Master, created and prioritized the Back Log in Rally, coordinated Planning Sessions
* Elicited business requirements and business needs as part of an Agile Scrum team
* Created functional requirement documents, system requirement document and business process flow
* Structured flexible test plans, test cases and test scripts to test entire application based on business requirements, technical specifications, product knowledge and use case scenarios
* Addressed all aspects of the loan life cycle, starting from identifying a prospective client to the loan closure
* Worked closely with loan orientation team (LOS)
* Participated in project review meetings to resolve defect related issues
* Revised existing documentation comprehensively to enhance the ability of the stakeholders to proceed with the next major phase of developing the application
* Performed User Acceptance Testing on behalf of end-user to ensure that the user requirements are satisfied and properly tested
* Assisted in implementation and deployment of the best SCM processes with seamless integration among various phases of Software Development Life Cycle (SDLC) such as Change Request and Product Life Cycle Management utilizing UCM component of Rational Suite

**Environment** Agile Scrum, Rally, JAVA, Oracle, UML, OOD, Quality Center, VB, .NET, UNIX, Microsoft Office suite, MS Visio, Rational Jazz Suite – RTC and RRC tools, SQL server 2008,Fireworks

**Munder Capital Management, Birmingham, MI** **Sep-2006-Feb-2008**

**Business Analyst**MCM is a leading global wealth manager, top tier investment banking and securities firm, and one of the largest global asset managers. They provided a wide range of products and services which included Investment Banking, Equities, Fixed Income and Foreign Exchange. The project was aimed at integrating the present MCM fixed income trading system with the latest Order management and trading settlement system.  **Responsibilities**:

* Conducted market research and analysis into Capital Markets consisting of stock market and bond market
* Researched and analyzed data and also defined and developed requirement specifications for Mortgage Product, Compliance and Regulation Projects
* Involved in management consulting, intra-day reporting, architecture, business analysis and application development for real-time to end of day reporting for hedge funds and prime brokers
* Prepared and analyzed AS IS and TO BE in the existing architecture
* Performed GAP Analysis; identified and documented improving areas to meet capital requirement regulations
* Analyzed User Requirement Document, Business Requirement Document (BRD), Technical Requirement Specification, and Functional Requirement Specification (FRS)
* Created workflow scenarios, designed new process flows, and documented the business process and various business scenarios and activities of the business from the conceptual to procedural level
* Understood Fixed Income, Bonds and Bond Trading Cycle, Equities and Equity Trade Cycle, Derivatives (Options and Futures), Portfolio Management, Wealth Management, and Sales and Marketing
* Conducted UAT to confirm that all derivative products can be successfully processed during the trade life cycle
* Created the SQL scripts for demonstrating the prototypes and verifying the result sets
* Served as an Interface between the users and the different teams involved in the application development for the better understanding of the Business and IT Processes
* Discussed with SMEs across different businesses units to gain solid knowledge of the existing Credit Risk Calculation System and assisted in preparing an advanced Risk Assessment and ROI Management
* Generated requirements for Capital Markets (Fixed Income Investment Management Business, Portfolio Management, and Hedge funds), Brokerage and Trading Model within the scope of both the front and middle office
* Followed the UML based methods using Microsoft Visio to create: Use Case Diagrams, Activity Diagrams, State Chart Diagrams, Sequence Diagrams and Collaboration Diagrams
* Worked closely with the QA team for designing Test Plan and Test Cases for the User Acceptance Testing
* Provided analytical support in the Design, Development and Implementation of Project
* Verified the business scenarios on new builds to allow extended testing by the QA team

**Environment**: Rational Enterprise Suite (Rose, ClearCase, ClearQuest), RUP, Visual Basic, SQL, SQL Server, Oracle, C# , .Net, WebLogic, IPFR Services, HTML, UNIX, DreamWeaver, Adobe Photoshop, Windows Forms, Web Forms, Load Runner, Win Runner, DOORS, Project Management.