**ATHULYA**

**Sr. Business Systems Analyst & Certified Scrum master**

|  |  |
| --- | --- |
| **SKILLSSUMMARY** | |
| |  |  | | --- | --- | | **Business Skills** | JAD Sessions, Outlining Business Requirements, Use Case Modeling, Business Process Analysis & Reengineering, Requirements Workshops, Gap Analysis, SWOT Analysis, Impact analysis and Data Analysis. | | TOOLS |  | | **Requirement Management Tools** | Agile JIRA, Confluence, HP ALM, Rally, Version One, Rational Requisite Pro | | **Modeling Tools** | MS Visio, Rational Rose | | **Tools/Misc.** | Quality Center, MS Word, MS Excel, MS PowerPoint, MS Project, MS SharePoint, IIS, XMLSpy | | **ETL Tools** | Informatica, Data Stage | | **Reporting tools** | Tableau, IBM Cognos, Spot fire,SSRS | | **Languages** | HTML, XML, SQL, Angular JS, CSS, jQuery, C, C++, C#, Java/J2EE, JavaScript, ASP.net, .NET framework, JSP, AJAX, ADO.Net. | | **Databases** | MySQL, MS Access, , DB2, Oracle, MS Sql Server | | **Testing Tools** | HPQC, HPALM, LoadRunner, Test Director, Rational Clear Quest, Rational Test Manager, Selenium |   **FINANCE DOMAIN KNOWLEDGE**   |  | | --- | | **Anti-Money Laundering, Portfolio Management, Asset Allocation,  Mortgage, Amortization, Bi-Weekly Mortgage, Fixed Rate Mortgage, Adjustable-rate mortgage (ARM), Annual percentage rate (APR), Balloon payment, Two-step mortgage, Foreclosure, Commodity markets, Forex Markets, Equities (Stocks, ETF, Equity Linked Notes), Fixed Income (Bonds, CMO, CDO, T-bonds, T-notes), Standard & Poor’s 500 (S&P 500) Index, Mortgage Backed Securities, Asset Backed Securities, Derivatives (Swaps, Options, Futures and Forwards), VaR, CAPM, Hedge and mutual funds, Market Risk, Interest Rate Risk, Liquidity Risk & Credit Risk, Dodd Frank Regulations & SOX standards.** |   **HIGHLIGHTS**   |  |  | | --- | --- | | **Agile Scrum-Waterfall** | **Agile SCRUM** | | **Waterfall- RUP** | **RUP** |  |  |  | | --- | --- | | **GAPanalysis** | **HLD & LLD** | | **RiskAssessment** | **BRD** | | **SWOTanalysis** | **FSD** | | **Use Case Analysis** | **SRS** | | **Key performance indicators** (**KPIs**) | **Use Case** | | **Change Management** | **RTM** | | **CostBenefit Analysis (CBA)** | **Test Case** | | **Process Re-engineering** | **Test Plan** | | **Prototype Modeling** | **Test Scenario** | | * **Senior Business Systems Analyst &** certified **SCRUM master** with over **8** years of experience of **Information Technology (IT)** with skills in **Business Analysis, Object Oriented Design, Data Modeling & Project Management in Finance, Banking, Mortgage & E-Commerce** domains. * Extensive working knowledge in **Software Development Methodologies like Agile SCRUM, Waterfall, Scaled Agile, Scrum-Waterfall hybrid & Waterfall-RUP hybrid.** * Proven successin **Cost Benefit Analysis (CBA)**, **GAPanalysis**, **RiskAssessment(RACI matrix** was created**), SWOTanalysis, Use Case Analysis,** identifying **Key Performance Indicators** (**KPIs**) and **Change Management**. * Assisted in **Project Management** activities like Project **Planning, Scheduling Execution, Deliverables, Tracking, Performance Reporting &Releases.** * Experience in networking with **Subject matter experts (SMEs) & project stakeholders** at various levels & skills in structuring & facilitating **JAD**, **Brainstorming**, **Workshops**&**Interviews.** * Proficiency in **Requirements Elicitation**& transforming them into **Functional Specifications** focusing on **Workflow Analysis & Design, User Interface Design and Process Flow Modeling**. * Excellent business scripting skills in making various **High Level Documents (HLDs)** like **Business requirements document (BRD)**&**Low Level Documents (LLDs)** like **Functional Specification Document (FSD)**, **Systems Requirements Specification (SRS) & Use-Case Specifications.** * Experience working with **Architects, Data modelers, Developers, Quality AssuranceTesters, UX designers** thereby coordinating efforts & managed **Off-Shore & On-Shore teams**. * Adept at**Business Requirements Gathering, Business Process Flow & Modeling, Business Process Improvements (BPI), Use Case Modeling, Business Process Re-engineering(BPR), Software Development Lifecycle Methodologies (SDLC), Post Production Support &Business Intelligence.** * Extensive experience in **Data Warehousing**, **Dimensional Modeling**, **Data Analysis**, **Data Loss prevention**, **Data Mapping**, and **Data profiling.** * Understanding of **ETL process** (**Extraction, Transformation, and Loading)** from disparate data sources into Data Warehouse & familiarity with **Relational Database Management System** (**RDBMS)** concepts like **Normalization & De-normalization**. * Created **data flow diagrams**, **data mapping** from **Source to stage & Stage to Target mapping** with documents indicating **Source** tables, **Target** tables, columns, data types, **Transformations**&**Business Rules** to be applied. * Adept at**Object Oriented Programming Concepts (OOPs),Service Oriented Architecture (SOA)**, **Enterprise Service Bus (ESB)**, **Web Services, XML, WSDL & Web Methods**. * Used **Cascading Style Sheets (CSS), Hyper Text Markup Language (HTML) & JavaScript** to create interactive **webpages & User Interface for web applications.** * Assisted developers working in **.Net**&**Java/J2EEframework**, **3-tier architecture**, **Internet Information Services** (**IIS)**,**Application Servers**, **and Data Access Layer.** * Knowledge of **BABOK guidelines** in **Business Analysis**. * Excellent **analytical, problem solving, communication and documentation** skill. |

**PROFESSIONAL EXPERIENCE:**



**Fifth Third BankMay 2014-Present**

**Cincinnati, Ohio**

**Sr. Business Systems Analyst/SCRUM Master**

**Anti-Money Laundering Enhancement using Fuzzy Neural Network**

**SCOPE:** The objective of the project was entailed to build a robust AML system to detect fraudulence transactions conducted in an automated teller machine. We added the feature of fuzzy neural network algorithm with the indoor AML software or user identification as a part of centralized fraud management.

**DUTIES AND RESPONSIBILITIES:**

***Sr. Business Systems Analyst Role:***

* Worked with **cross-functional**&**self-organizing** team in an **Agile-Scrum & Waterfall** hybrid environment.
* Functioned as the primary **liaison** between**business line, operations**&**technical areas** throughout the project cycle.
* Conducted extensive **Requirements Analysis** including **Data Analysis**, **GAP analysis** analyzing **AS-IS** state of the current system &**TO-BE** state of the future system.
* Facilitated **Interviews**, **Brainstorming, JAD** sessions, **face-to-face**&**conference meetings**with SMEs & stakeholders to **elicit requirements and converting them into user stories** by assisting them communicate their perspectives, resolution of issues & reaching consensual agreement.
* Designed **UML Diagrams** such as **Use Case diagrams, Activity diagrams, Sequential diagrams, Swim lane charts & Data Flow diagrams** utilizing **Rational Rose** for better visualization of the development team.
* Created **Mock-Up Screens**&**wire frames** for better visualization of **GUI** using **UI Wireframes &Mockups**.
* Involved in creation of **workflow scenarios**,**re-engineered** old process flows and responded to **data requests**.
* Created**process flow diagrams**& documented **Business Process**& various **Business Scenarios**.
* Actively captured & defined the **business requirements** in the **Requirement Document (RD)**& translated it into **Functional Requirement document (FRD)** for better understanding of the development team.
* Involved in voicing **Logical Data Models** that contained set of **Entity Relationship digs** &**Data Flow Diagrams**.
* Assisted in **data modeling**, **data mapping** by creating **data mapping document by identifying data source, data target and data transformation rules**in a **data warehouse** environment using **Informatica**.
* Considered, instilled and analyzed various existing Anti money laundering compliances like**Foreign Account Tax Compliance Act (FATCA)**, **Financial Action Task Force(FATF), Bank Secrecy Act (BSA) and Intelligence Reform & Terrorism Prevention Act.**
* Executed **SQL queries**to query tables from the database and generate various reports using **IBM Cognos**.
* Formulated**Test Plan**&assisted technical team inwriting**Test Scenarios, Test Cases, Test scripts** and functioned in **Systems** testing, **Regression** testing, **Black Box** testing and **UAT** testing.
* Traced requirements throughout the development process & verified adherence to **Requirement Traceability Matrix (RTM)** using **HP ALM.**
* Involved in coming up with **business rules** in the **Middle Tier layer** based on **SOA architecture**.
* **Agile Jira** was used to perform**defect tracking & status monitoring** of the **issues & opening/closing of defects**.
* Partaken in **Process Reengineering** of the interfaces to satisfy the requirements for **User Interface**.

***Scrum Master Role:***

* Interacted with Product Owner & Development Team on documenting Scrum artifacts like **Product, Release & Sprint Backlog**, **Burndown charts.**
* Extensive experience in facilitating Scrum Ceremonies like **Daily Scrum/Stand Up meeting, Sprint Planning, Review, Retrospective and Backlog Grooming meeting.**
* Experience in **Story mapping**&**Story Point Estimation** of user stories, helped product owner in prioritizing backlog, development team in managing **Impediments** and managed **Requirements Churns** efficiently.
* Maintained & updated **Sprint Burn down** charts &**Release Burn down** charts to keep track of the Sprint & the project against the planned work and enforced **Time-boxing**& managed **impediments** for team members.
* Assisted Product Owner in identifying right **prioritization techniques (MOSCOW, Kano Analysis)** for prioritizing the backlog.

**ENVIRONMENT& TOOLS:** Balsamiq Mockups, Rational Rose, Agile JIRA,Eclipse IDE, HTML, JavaScript, CSS,JQuery, AJAX,Java/J2EE, J Unit, JSP, JDBC, MySQL, , HP ALM, Informatica, IBM Cognos, HPQC, SOA, Apache TOMCAT

****

**Janus Capital**

**Denver, CO**

**Sr. Business System Analyst/Scrum MasterJan 2013- Apr 2014**

**Portfolio Management**

**SCOPE:**The scope of the project was to develop a web based Portfolio Management System to enable financial advisors to recommend and deliver their clients a list of portfolios with maximum return and minimum risk.

**DUTIES AND RESPONSIBILITIES:**

* AssistedPM on project management tasks like developing **project scope**, **projectdeliverables, allocation of resources**, **budget allocation**, **project estimation**, **change management**, **scheduling of budget, RiskAnalysis & Assessment**.
* Assisted Project Manager in conducting **SWOT Analysis**, **Cost-Benefit Analysis (CBA) & Return on Investment (ROI)** for making decisions on the **feasibility** of project.
* Involved in the **pre-analysis(AS IS-TO BE)** of the system to be built with the**SMEs**, **developers/testers & stakeholders.**
* Conducted **JAD sessions, workshops and brainstorming** for project updates & involved in the weekly meetings to discuss the status of the current project.
* Involved in the creation of **Use-Case Models** to showcase the interactions between the external entities & the system and expressed the requirements through **business rules, future state mapping**, **process flow diagrams, Sequence diagrams and Activity diagram using MS Visio.**
* Created **Wireframe**s for the entire client front solutions requirement after thorough review of the requirements from the specification and **user stories**.
* Formulated the **Business Requirements Document(BRD)**, **System Requirements Specification(SRS)** and other **High Level document (HLD)** and **Low Level Document (LLD)** for the project.
* Created **validation rules** and briefed development team for **client-side validation, server-side validation.**
* Involved in tracking & communicating **team velocity**&**sprint/release** progress & involved in the management of the **Product Backlog, Release backlog, Sprint Backlog**& weekly **Burn down charts using Team Foundation Server (TFS).**
* Aided in creating **business rules** for **middle tier** application&pacts for **web methods**&**web services** in **XML** format.
* **Used MS SharePoint to maintain** project related documents to be used for collaboration with **scrum development team, project manager and other stakeholders.**
* Created **data dictionary**&**data manipulation artifacts** for **ETL** team & involved in **Data Modeling** by providing the data requirements & helped in creating **ER (Entity-relationship) diagrams** classification & identification of entities, attributes, & defining relationships.
* Assisted in creating Web Services to interact with software modules using XML based SOAP & WSDL protocols.
* Assisted technical team to write **test plan, test scenarios, test scripts** and **test cases,** monitored **UAT** and created and maintained the **Requirements Traceability Matrix using HP ALM.**
* Interacted with the production team by assisting in the implementation of the project by preparing **production certification scripts**& performed **production certification**.

**ENVIRONMENT & TOOLS :**MS Office 365, MS SSIS, MS SSRS, MS SSAS, MS SQL Server, MS Visio, MS SharePoint, C#, ASP.NET, IIS,ASP.NET Razor, HP ALM, HP QC, Load Runner, MS SQL Server, .NET framework, NUnit

**GRAINGER**

**SF, CA**

**Sr. Business System Analyst/Scrum MasterNov 2011- Dec 2012**

**Corporate E-Commerce System**

**SCOPE:**The scope of the project was involving in enhancing an e-procurement application incorporating the functionalities of MOBIS (Mission Oriented Business Integrated Services) for web based purchases and verification of documents in a sell side model).

**DUTIES AND RESPONSIBILITIES:**

* Assisted Project Manager in generating **Work Breakdown Structure** (**WBS)**using **MS Project**by incorporating principles of **Agile & SCRUM** Framework during SDLC.
* Assisted PM in **managing time, resources, budget**, **risk mitigation**&provided **Release reports**&**milestones.**
* Assisted Project Manager in developing **timelines for project delivery & managed projects and resources.**
* Analyzed the risks involved in upgrading the system through **SWOT** and **Cost-BenefitAnalysis** in MSOffice Environment.
* Performed **GAP analysis** between existing system and proposed system, by conducting several **JAD** Sessions &**Interviews** with business users, development teams and stakeholders.
* Was involved in facilitating workshops to understand requirements for **Data Warehouse design.**
* Conducted client side validation to study **ETL** (Extract Transform and Load) operations on database.
* Describing high-level functionalities of the system by creating **BRD**& designed **FSD** document to convert user requirements into functional requirements.
* Organized and Facilitated **sprint planning, review, retrospective**&**daily SCRUM sessions**. Created **burn down charts**, **sprint**&**release backlogs** for effective Project Management.
* Developed **Business Flow** diagrams, **Entity Relationship** diagrams and **Sequence** diagrams using **MS Visio** environment so development team and other stakeholders can understand business process.
* Created the **data-mapping document** for **ETL** team & involved in **data modelling in building fact table, dimension tables**& assisted in the adaptive approach towards data warehouse design and **Metadata**.
* Assisted in developing **Test Scripts** using **HP ALM** and coordinated with developers to quickly resolve the defects associated with them.
* Assisted production staff for identification & mapping detailed current processes, identifying gaps and failure points, performing **Root Cause Analysis**& develop functional requirements that supported overall strategy, goals and objectives.
* **Conducted workflow, process diagram and gap analyses** to derive requirements for existing systems enhancements.
* Responsible for identifying and documenting business rules, **created detailed Use Cases & conducted UAT**.
* Developed the **test plan, test conditions**&**test cases** to be used in testing based on business requirements, technical specifications and/or product knowledge.

**ENVIRONMENT& TOOLS:**Oracle, Rational Rose, Rational Requisite Pro, HTML, CSS, JavaScript, AJAX, JSP, Java/J2EE, JDBC, Windows/UNIX, MS Office, MS Project, Spotfire, HPALM

**US BANK Jan 2011 – Sept 2011**

**Lawrenceville, NJ**

**Sr. Business System Analyst/Scrum Master**

**Commercial Mortgage Contextual Analysis via APMS**

**SCOPE:**The scope of my project is to build an automated asset and portfolio management system in commercial mortgage banking system as a part of entrepreneur promotion scheme. The auto system evaluates the asset liability ratio before sanctioning to avoid later financial distress.

**DUTIES AND RESPONSIBILITIES:**

* Worked with **Business teams/stake holders/SMEs/technical team** to map expectations to **delivery capabilities**& facilitated **JAD sessions** to document business requirements.
* Conducted **JRP sessions** with end users to ensure that the software addresses all business needs and also facilitated **Rapid Application Development sessions (RAD)**.
* Led **user interviews**, gathering business requirements, and analyze requirements to write **SSD.**
* Interacted heavily with the **Business Users/Technology teams** to facilitate **Business and Quality assurance reviews.**
* Involved in identifying & documenting **business rules**& creating **detailed Use Cases**.
* Created **Use Case diagrams, Business Flow diagrams, Swim Lane diagrams, process model diagram, data flow diagrams, AS IS diagrams & Activity diagrams** using **MS Visio**.
* Conduct **workflow, process diagram and GAP analysis** to derive requirements for existing systems enhancements.
* Facilitated **Informal Sessions** to develop an **architectural solution** that the application meets the **business requirements**, **open issues resolution**, and **change requests**.
* Worked closely with the **UX team** to model the screens, which met user, defined requirements and also company standards.
* Assist with user testing of systems, developing and maintaining quality procedures, and ensure that appropriate documentation is in place. Responsible for all project documentations and end user-training materials.
* Performed source **data profiling** to verify that data meets the business requirements.
* Developed **system integration test plan** to ensure customer acceptance.
* Worked closely with the project managers to **monitor progress** and **project deliverables**.
* Regularly scheduled meetings to review the **project status plan** with technical team.
* Used**MSShare Point** to document management & accessibility between **core & ancillary** teams.

**ENVIRONMENT& TOOLS:**MS Office Suite (Word, Excel, Access, PowerPoint, andOutlook), MS Project, Version One, MS Share point, Rational Rose, DB2, Java/J2EE, HTML, CSS, AJAX, JavaScript, JDBC, JSP, Servlets, MVC



**SBI Capital Markets, Gujarat, India March 2009- Nov 2010**

**Sr. BSA/Scrum Master**

**Capital and Investment banking**

**SCOPE:**Developing a System for automation of the transfer of funds amid individuals inside same/different banks. Additionally, the system was able to transfer funds both domestically and internationally with the help of receivers banking information, SWIFT code and other security particulars of the bank.

**DUTIES AND RESPONSIBILITIES:**

* Conducted user interviews, developed and implemented processes and tools for requirements gathering, analysis and planning using **Rational Requisite pro**.
* Designed and **developed all Use Cases and UML models using RationalRose** and identified, researched, investigated, analyzed, defined and documented **business processes** and **Use Case Scenarios**.
* Performed **Gap analysis** by detecting technologies, documenting the enhancements to meet the end state requirements.
* Assisted with **User Acceptance Testing,** developing and retaining **quality procedures**, and ensured that proper documentation is in place.
* Functioned with development and testing teams to achieve timely release objectives.
* **Developed timelines and time boxes** for project delivery, and managed projects and resources to effective accomplishment
* Responsible for all project credentials and extensively worked on Access, Excel, Word, PowerPoint, SQL, and MS Project.

**Environment:**RUP methodology, Windows, Microsoft Office Suite, MS Visio, Oracle, HPQC, Rally, HP ALM, JAVA

**Amazon Inc., Bangalore, India April 2008- Feb 2009**

**Business System Analyst**

**Payment Systems.**

**SCOPE:**The scope of the project involved coming up with a system which allow the client to have a safe payment pathway online and also choice of paying by cash at their door step, which evolved into the online shopping store.

**DUTIES AND RESPONSIBILITIES:**

* Prepared business requirements documents by conducting client group interviews, **focused groups**, workshops and online surveys.
* Assisted in developing the project deadlines/deliverables/strategies to effectively manage projects
* Prepared and maintained the **Requirement Traceability Matrix** to record the **business and functional requirements.**
* **Expert** in creating user stories from requirement gatherings while following various elicitation techniques.
* Prepared **business requirement document (BRD)** and **System Requirement Specification (SRS)** to provide details of each business and functional requirement, development and implementation plan of these requirements, timelines, and owners.
* Prepared **use case diagrams & description** documentation based on the analysis & obtained approvals from the clients.
* Prepared Mockup screens with the help of **UI components** using wireframes for testing the front end.
* Prepared **activity diagrams** on **MS Visio** to understand flow of activities along with the timelines of each actor.
* Coordinated with project stakeholders to track the progress of the project, update status and lead review meeting to ensure that schedules and deliverables are met.
* Coordinated and controlled **change request** for the clients by conducting impact and cost analysis, prioritizing and mitigating changes.
* Prepared **change request form** to provide details of the changes requests, and obtained approvals from the appropriate stakeholders.
* Assisted in **client-side validation** and **server-side validation** on the data which was given or submitted by the client.

**ENVIRONMENT & TOOLS:**MS SSIS, MS SSRS, MS SSAS, MS SQL Server, MS Visio, MS SharePoint, C#, ASP.NET, HP QC, MS SQL Server, .NET framework, NUnit, Agile Jira

****

**Axis Bank, Trivandrum, India June 2007- Feb 2008**

**Residential Mortgage**

**Business Analyst**

**SCOPE:**The scope of the project was to generate the credit risk on the basis of assets placed at the collateral and short term equity placed on the brokerage account.

**DUTIES AND RESPONSIBILITIES:**

* Brain stormed all user areas to **elicit** their requirements for the new scheme.
* Formed **Use Cases** and retained traceability relationships using **Requisite Pro**.
* Involved in creating **Software Requirement Specifications** (SRS) and **Functional Specification Documents** (FSD).
* **Rational Clear Case** was used to maintain different versions of system documentation with reasoning about all versions and **Process flow** diagrams was designed and charts using **MS-Visio**.
* Involved in **project management**, **developing project plans**, **setting project schedules** and **milestones**, **scheduling tasks** and **activities** using **MS Project**.
* Played a key role in planning **User Accepted Testing** and implementation of system enhancements and conversions.
* Created **product documentation**, including online help, **printed user manual**, and **training materials**.

**ENVIRONMENT& TOOLS:**Waterfall methodology, Rational Requisite Pro, Rational Rose, SQL, MS Office, MS Project, MS Visio, Windows.

**EDUCATION:**

**Bachelor’s in Computer Engineering, NICHE, India**

**CERTIFICATION:**

**Scrum Master accredited Certification**