**Ateeq**

**Senior Business System Analyst**

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**Professional Summary:**

* Highly motivated Senior Business system Analyst professional with **11+ years** of experience in **Capital Markets, Wealth Management** and **Financial Services industry** with excellent understanding of financial products like **Fixed Income, Equities, Derivatives (Swaps, Options and Futures), Mutual Funds, ETFs, FOREX** and Risk analysis of Investments using **Monte Carlo simulation** and **Option Greeks.**
* Exposure to regulations & compliance such as **FINRA, ERISA, IRS, SEC, GAAP, FINMA, Investment Advisers Act, The Investment Company Act, Securities Exchange Act, Securities Investor Protection Act.**
* In depth knowledge of Software development life cycle **(SDLC)** methodologies like **Waterfall, Scrum, Waterfall-Scrum hybrid, Scale Agile Framework (SAFe), ScrumBan, Kanban,** and **Spiral.**
* In depth knowledge of **Requirement Management, Change Management, Defect Management, Release Management, Project Management and Risk Management** using **JIRA, HP ALM and MS Project** as project management tools.
* Proficient in networking with individuals at various levels and facilitate **Requirements Elicitation** sessions like **survey/questionnaires, Interviews, Brainstorming, Focus group, Requirement workshops, Interface analysis, Document analysis and JAD.**
* Conducted detailed project analyses of Business Processes by **GAP analysis (AS-IS & TO-BE), Risk analysis, Impact assessment, Cause and effect analysis (Root cause analysis), Effort estimation, Cost-Benefit analysis, SWOT analysis & Feasibility Analysis.**
* Proficiency in documenting artifacts by gathering requirements such as **Business Requirements Document (BRD), Functional Requirement Document (FRD), Software Requirement Specification (SRS), Use Case Document (USD), Requirement Traceability Matrix (RTM), Change Request Document, Work Breakdown Structure (WBS), Risk Register and Project Charter**
* Experience in creating **Wireframes** and **Mockups** using **MS Visio** and **Balsamiq** to visualize **Graphical User Interface (GUI)**.
* Well acquainted with **Unified Modeling Language (UML)** diagrams including **Use Cases, Activity Diagrams, Sequence Diagrams.**
* Detailed working knowledge of **SCRUM** and its Ceremonies like **Backlog Grooming, Release Planning, Sprint Planning, Daily Standups, Sprint Review and Sprint Retrospective Meetings** and **SAFe Ceremonies** like **PI Planning** and **Scrum of Scrum** Meetings.
* Experienced in writing **User Stories**, defining **Acceptance Criteria**, writing **Definition of Done (DOD)** and **Definition of Ready (DOR)**.
* Efficient in performing **Vertical and Horizontal slicing** of User stories and giving **Story points** by **Estimation Techniques** like **Planning Poker, T shirt sizing, Relative Mass Evaluation, Bucket sizing and Affinity Mapping** andAssisted Product owner in Prioritizing User stories in Product Backlog artifact using **Prioritization Techniques** like **Moscow, Kano, Forced Ranking and Value stream Mapping.**
* Assisted **ART (Agile Release Train)** and scrum teams **in resolving dependencies** and Empowering the teams with the Pillars of Scrum such as increasing **Transparency, Inspection and Adaptation** and achieving goal to deliver the **PSPI** at the end of every Iteration.
* **E**xtensive working knowledge of **Continuous Integration and Continuous Deployment (CICD)** using **Jenkins and** excellent understanding ofdevelopment techniques like **TDD (Test Driven Development), BDD (Behavior Driven Development) and ATDD (Acceptance Criteria Test Driven Development) and** developing **Featured Files (Gherkins format) using Cucumber.**
* Excellent understanding of System Architecture like **Service Oriented Architecture (SOA), 3 tire Architecture** and **N-Tier architecture**.
* Significant experience of working on **Application Programming Interface (API) Documentation** using **Swagger** and **API Testing** using **POSTMAN** and **SOAP UI** to test the request and responses of APIs in **JSON** and **XML** format.
* Collaborate with cross-functional teams to gather, analyze, and document **business requirements for Open Payments Framework (OPF) implementations.**
* Performed Analysis to **Identify the Sources**, the **Targets** and wrote the **Transformation Rules** for the process of Data Migration.
* Involved in **Conceptual, Logical models and** created **ER diagrams** (**Entity-Relationship diagrams**) for data modeling phase.
* Experience in implementation of **Dimensional data modeling** with **Star & Snowflake schema,** **Facts, Fact tables and Dimensions**.
* Proficient in creation of **Data Dictionary, Data Glossary and Data Mapping Specification document** and **Data Mapping Document.**
* Worked on **Relational Database Management System (RDBMS), Data Warehouses, Data marts, Operational Data store (ODS).**
* Extensive knowledge of **payment systems, including ACH, wire transfers, and Fedwire.**
* Extensive knowledge of **Extraction** of data from source systems, **Transformation** of data sources into an integrated system (Transformation includes **Sorter, Filter, Source Analyzer, Aggregator, Joiner**, **Lookup, Stored Procedures, Source Qualifier, Expression and Router**) and **Load** the data into the target database or data warehouse using **Informatica PowerCenter.**
* Extensive implementation and knowledge of **OLAP (MOLAP, ROLAP and HOLAP) operations such as Slice & Dice, Rollup, Drill Down, Pivot and Data Warehouse** **design** using methodologies like Kimball architecture and Inmon’s Corporate Information Factory.
* Experienced using **SQL queries** for Data Analysis, retrieval, validation, modification, creation of **Data Manipulation Language (DML), Data Definition Language (DDL) & Data Control Language (DCL),** using, **Joins, Unions, order by, aggregation and stored procedures** to extract the data from multiple sources and worked on various database like **Oracle, SQL Server and MYSQL Workbench.**
* Experienced in **Black Box, Manual, Unit, System, System integration (SIT), Performance, Load, Stress, Regression, Automated, GUI, Functional, Non-Functional, User Acceptance UAT, Smoke and Sanity Testing** of applications with knowledge on **STLC (Software Testing** **Life Cycle)** by creating **Test plan, Test Scripts, Test cases, Test Scenarios, Test reports and Requirements Traceability Matrix.**
* **Subject Matter Expert (SME)** in **SWIFT** **International Payments, FEDWIRE, SEPA, and TARGET2/EURO1 RTGS Payments, Wires and ACH payment processing**
* Excellent in creating reports using **Tableau, PowerBI and IBM Cognos** and creating heat maps for **Business Intelligence**.
* **Used HP QC, Load Runner, J-unit** to test the system and report defects/bugs/Errors and Experienced in **Bug tracking** and following up for successful maintenance & delivery of service tickets using **JIRA**

**Technical Expertise:**

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| **Business Skills** | Change Management, Impact Analysis, Risk Analysis, Cost-Benefit Analysis, ROI Analysis, JAD Sessions, SWOT analysis |
| **Project Management Tools** | MS Project (2013,2016), MS SharePoint (2010,2013), Confluence (v.6.4, 6.3, 6.2) |
| **SDLC Methodologies** | Waterfall, Waterfall-scrum hybrid, Agile-Scrum, SAFE, |
| **Requirement Management** | MS Office, JIRA (v.6.3,7.0), HP ALM (v.11.5), HP-QC (v.11,12) |
| **Modeling Tools** | MS Visio (v.14, 15, 16), Lucid Chart, Balsamiq |
| **ETL Tools** | Informatica Power Center |
| **Data Warehousing** | Data Marts, OLTP, OLAP, Multidimensional Analysis, Data Mining, Slicing/Dicing, Drill Down/Roll Up |
| **Databases** | MYSQL, Microsoft SQL T-SQL, PL/SQL |
| **Defect Tracking/Testing Tools** | HP QC v10.0, HP ALM V11.5, Load Runner (v. 11.5, 12.02), Selenium, POSTMAN, Soap UI, Cucumber, Swagger. |
| **Reporting/BI** | Tableau, MS Power BI, IBM Cognos, Quick View |

**Professional Experience**:

**Client: Capital One, Remote Jan’21 - Present**

**Role: Sr. Business System analyst**

**Description:** Capital One operates a brokerage firm, manages a large family of mutual funds, provides fund distribution and investment advice, retirement services, Index funds, wealth management and so on. The project was to Create a system for analyzing and creating an enhanced Index Portfolio based on disaggregation of an Investment Instrument’s total return from market indices. The enhanced index portfolio has less maintenance fees and higher probability of outperforming the market.

**Responsibilities**

* Interviewed Traders, Analysts and Portfolio Managers to create a list of Functional and Non-Functional Specifications.
* Conducted JAD sessions with the Business Stakeholders and Subject Matter Experts to further elicit and analyze the Requirements.
* Identified and documented Business Process Workflows and UML diagrams such as Use Case and Sequence diagrams.
* Extensively used JIRA to capture and manage User stories and actively participated in all the Scrum Ceremonies.
* Assisted in identifying data sources like Bloomberg (B-pipe) and Yahoo finance and Thomson Reuters, which provides historical and real time stock market data through streaming APIs.
* Created Data Mapping Document to capture Source to Target Mappings and ensured required datasets were present.
* Participated in analyzing source system from front end, middle management and risk analytics to perform ingestion into Hadoop distributed file system (HDFS).
* Knowledge in Banking and advanced to SWIFT Payments Consultant and Subject Matter Expert in International Payments processing.
* Participated in data extraction and data ingestion from data sources in Hadoop Data Lake by creating ETL pipeline using PIG and HIVE.
* Utilized Microsoft Excel to create spreadsheets that require sorting, organizing, and manipulation of data in accordance to project specifications (pivot tables, v lookup, and IF nested statements).
* Used Web methods of GET, POST, DELETE & PUT for testing API endpoints and validated the response, response time & error code by executing HTTP requests using Postman, to ensure that API aligns with expectations.
* Often act as a bridge between the treasury department and other parts of the organization, such as finance, accounting, and IT.
* Analyzed and logged the metadata of Hadoop using Mphasis platform, Used Apache Sqoop and Flume to extract data from Oracle and NOSQL relational databases. Used Apache mahout for analytics.
* Used SQL queries (select, insert, update, delete, sub-queries, joins, etc.) to manipulate the data in the databases.
* Created high and low fidelity Mockups, Wireframes to prototype the User Interface using Balsamiq.
* Involved in cluster maintenance, commissioning and decommissioning data nodes, cluster monitoring, troubleshooting, manage and review data backups, manage and review Hadoop log files.
* Implemented recommendations from the Basel Committee on banking supervision on IT projects for Credit Risk, Operational Risk, and Market Risk in line.
* Involved in planning the Hadoop cluster infrastructure, resource capacity and build plan for Hadoop cluster installation.
* Worked closely with business stakeholders, BI analysts, developers and SAS users to establish SLAs and acceptable key performance metrics for Hadoop service and offering.
* Used PowerBI to create customized dashboards, showing reports of the analyzed Investment Instruments and the list (basket) of outperforming securities.
* Collaborated with the Scrum team in preparing test data for positive and negative test scenarios as per application specifications.
* Developed Test Plans, Test Cases and Test Scripts to assist testing team in System Integration, Performance Tests, Functional and Non-functional tests.
* Kept track of bugs and defects using JIRA, maintained issue logs and handled the change requests efficiently.
* Conducted User Acceptance Testing (both Alpha & Beta) along with Portfolio Managers and registered representatives.

**Environment:** Agile-Scrum, Windows server 2016, Oracle 12c, MS Office, Python, JIRA, Informatica PowerCenter, Balsamiq, Postman, PowerBI, Hadoop HiveQL, Oracle RDBMS, Confluence.

**Client: Ally financial, Huston, TX. Jun’ 18 - Dec’ 20**

**Role: Sr. Business system Analyst**

**Description:** Ally Financial is part of a leading provider of financial services. It provides institutional clients with consistently competitive pricing and the simplest means of execution across a broad range of Fixed Income products like Global Government Bonds (T-Bills, T-Notes, T-Bonds, TIPS), Municipal Bonds, and Fixed Income Securitization such as Commercial Paper (ABCP, CDO, CMO), Derivatives (Futures, Swaps, Options), Mortgage Backed Securities (MBS), Credit Derivatives, Convertible bonds, etc. The objective of the project was to establish a Common Operating Environment for Traders and Analysts working on the Fixed Income trading desk related to Treasury, Liquidity, and work on Data Migration process involving from data gathering stage to the Deployment stage.

**Responsibilities:**

* Worked with Fixed Income/Fix Protocol trading desk to discuss, encapsulate, and finalize the migration process.
* Involved in providing day to day support for the Government Bonds, Corporate bonds and Mortgage backed securities’ desk.
* Actively participated in gathering requirements from various SMEs, Financial Analysts, Risk Analysts and Portfolio Management via JAD/JAR sessions and conducted GAP analysis (As-Is and To-Be), Effort Estimation, SWOT analysis and Document Analysis.
* Working with treasury stakeholders to identify and document their requirements.
* Extensively involved in migrating the fields of Financial instruments such as Fixed Income products like T-Bills and T-Bonds, Derivatives Securitized Products such as Mortgage Backed Securities on Trading Platform.
* Conduct in-depth technical analysis of open payment framework (OPF) processing systems and identify areas for improvement or optimization.
* Responsible for identifying and analyzing various Wires and ACH payment initiation APIs that send payment transactions to the Payment processing systems such as ACI Money Transfer System and PEP+. The analysis included all Outbound and Inbound payment flows for Domestic and International payments.
* Assessed and improved existing treasury processes and systems.
* Captured UML diagrams like Process Flow Diagrams, Sequence Diagrams to complete the migration process on Trading platform.
* Ensured that the data stored follows compliances defined by regulatory bodies like SEC, FINRA and CFTC.
* Worked on Entity-relationship modeling technique and assisted in developing Conceptual and Logical data models.
* Used SQL queries like select, insert, update, delete, sub-queries, joins for Data Analysis.
* Assisted in mapping of data from OLTP systems to operational data store (ODS) and then to corresponding Data mart.
* Documented APIs requests and responses using Swagger and tested APIs integration using Postman.
* Worked on UI creation by using UML diagrams along with UI and app developers (component selection and creation of Radio buttons, Data-entry fields, check boxes and Drop-down lists to retrieve data for client-side).
* Acted as proxy scrum master, facilitating all sprint events and sprint reports (Burndown/Burnup charts, information radiators)
* Maintained a Requirement Traceability Matrix (RTM) to ensure that all Functional Requirements are addressed at the Use Case Level and matched with the Business Requirements.
* Recommend treasury management systems (TMS) or financial software to support the treasury's operations.
* Establish accountability and monitor implementation of risk management across the company, including, implementation of risk appetite and tolerances, risk identification, assessment, and mitigation processes.
* Acted as a liaison between business stakeholders, remote clients, Asset managers and Technology Teams
* Collaborated with QA team to create and implement test plan and test cases for User Acceptance Testing (UAT). Involved with the whole UAT to ensure the performance of the system and application.
* Participated in performance and load testing using HP LoadRunner tool to test the enormous load parameters within the application.
* Managed bugs using Defect Tracking Tool JIRA, reviewed each defect and assigned development team to resolve problems.

**Environment**: Agile-scrum, UML, MS-Visio, MS-Project, JIRA 7.1.0, Swagger, Power Designer, Tableau, MS SQL server 2016, Postman, LoadRunner, Informatica PowerCenter.

**Client: Merrill Lynch. New York City, NY. Dec’ 15 - May’ 18**

**Role: Business system Analyst**

**Description:** The project pertained in creation of Investment Proposal Generator for Wealth Management and provide most valuable advisory services to clients on Asset Projections, stock option models, Portfolio Rebalancing, Investment Holdings, Liquidity needs and future goals. The systems solutions advise clients on wealth management strategies provide clear and complete picture of the client's assets in position.

**Responsibilities:**

* Conducted extensive GAP analysis by identifying AS-IS of the project and TO-BE’s for process vision and process flows.
* Worked with Product Owner to effectively maintain and prioritize Product backlog and release plan.
* Measured VaR risk factors for IRA opening using historical method, Variance-covariance and Monte-Carlo Simulation.
* Served the Product Owner in finalizing the Minimum viable product and creating User Stories, also helped the PO in prioritization of Product Backlog Items (PBIs) including the process of making sure user stories follow INVEST Criteria.
* Created Requirement Traceability Matrix (RTM) and submitted weekly reports about the progress of the project.
* Used JIRA for allocating tasks, user story writing, backlog management, issue tracking and user story management.
* Participated in PI planning events and helped in understanding the dependencies between different scrum teams.
* Performed SQL queries operation such as DML and DDL commands for data extraction and manipulation.
* Performed extensive high and low fidelity prototyping as per the demand using Mock-Up Screens and Wire Frames.
* provide training and support to treasury staff on new processes, systems, or best practices.
* Prepared Documents for the Data Layer to be Mapped, Change Control, and the Specifications need for forecasting.
* Participated in capturing and analyzing the payment channels, payment types, message types and APIs between payment initiation channels and payment processing systems by interviewing the stakeholders of Payment
* Worked on Service Oriented Architecture (SOA) primarily REST web services and Documented requests and responses using Swagger.
* Created multiple data visualization reports with Tableau for the executives to give variable analysis of business matrices.
* Wrote Feature files in the Gherkin format for step definition files for performing Automated testing using Cucumber.
* Assisted in formulating testing documents like Test Plans and Test summary report and developed Test Scenarios and Cases based on functional requirements also actively participated in Pre-Deployment and Production Testing.

**Environment**: SAFe, Agile-Scrum, MS Visio, MS-PROJECT, MS Office Suite, JIRA, MS-SharePoint, Swagger, MS SQL Server, MS Project, Cucumber, Tableau, CSS, HTML.

**Client: SunTrust Bank. Atlanta, GA. July’14 -Nov'15**

**Role: Business Analyst**

**Description:** SunTrust Bank is leading banking group committed to building a sustainable business over the long-term. The project involved combining an investment account with a checking account to create a new ‘Business Investment Account’, which allows businesses to earn interest on excess balances and automate their investment of funds. I worked on adding “Sweep Account” feature which has two modules in it which are “Daily Sweep” and “History Sweep” account details.

**Responsibilities:**

* Performed Requirement Elicitation techniques to extract requirements from business stakeholders.
* Worked extensively to understand and document the requirements for the new modules which were being added to the system.
* Conducted JAD sessions with management, vendors, users and other stakeholders for open and pending issues to develop specifications.
* Good understanding of banking domain with strong functional knowledge of BHC regulatory reports Current and Savings Accounts, Deposits, Payments (Wire, ACH, SWIFT)
* Performed GAP Analysis to identify problems and inconsistencies with the Business requirement specification and the existing system.
* Created Business Requirement Document (BRD), Functional Requirement Document (FRD). Non-Functional Requirement Document (NFRD), Use Case Document (UCD).
* Maintained Change and Traceability Matrix throughout the project keeping track of the scope, timelines, and budget of the project.
* Designed and developed Use Case Diagrams, Activity Diagrams, Sequence Diagrams, and Collaboration Diagrams using MS Visio.
* Created Wireframes/ Mockups using Balsamiq tool for both the new modules which are being added to the current system.
* Interacted with Product Owners to create and identify Epics, User Stories and creating Product Backlog in JIRA.
* Developed Data Models in collaboration with Data Architect and Data Modelers and wrote SQL queries to validate.
* Coordinated in creation of ER Diagrams defining entities, attributes, relationships, normalization and business rules.
* Assisted front-end developers involved in development of UI through HTML, CSS, jQuery & JavaScript.
* Maintained Requirement Traceability Matrix (RTM) document throughout all the phases of SDLC to map requirements with test cases
* Provided detailed User Interface Document to the development and testing team for clear understanding of the system.

**Environment:** Waterfall-Scrum, MySQL, JIRA v6.4, MS-Visio, MS-Project, Balsamiq, SAP Power Designer, MS Excel, MS Access, Windows 7, RTM.

**Client: SoftSol. Hyderabad, India Mar’11– Dec’ 12**

**Role: JR Quality Assurance Analyst**

**Description:** The project was to create an E-commerce website with various drop-down features, product comparisons, shopping cart, payment methods and online returns.

**Responsibilities:**

* Worked with developers, business analysts and technical analysts in design sessions to ensure full understanding of requirements.
* Wrote new functional and GUI test scripts in Microsoft Test Manager - Team Foundation Server.
* Maintained QA documentation pages with visual metrics, procedural steps, and contact information.
* Collaborated with other QA team members during smoke and regression suite execution.
* Performed backend testing using SQL statements to check database tables for validity of various business transactions and database integrity.
* Involved with Functional, Regression, Integration Testing, Unit, Smoke and Sanity Testing on the Web Application.
* Assisted the team lead and Business Analyst in preparation of Test plan and Test strategy document.
* Created functional and integration test cases based on business requirements and design documentation.
* Updated manager on various test reports after analyzing results and revised test cases for new and revised features and capabilities.
* Responsible for entering bugs into QC to track defect status and co-ordinate defect resolution with the developers.

**Environment**: Waterfall Methodology, Oracle-8, HTML, Java script, Java, Windows XP, Quality Center, MS Office Suite, Windows 7/XP

**Education:**

* Bachelor of Engineering - Osmania University, Hyderabad, India