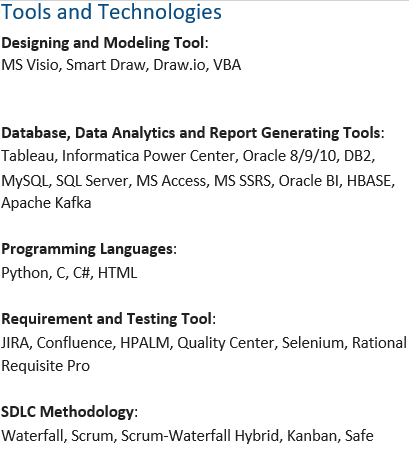
**Saurav K**

**Business analyst**

**732-813-0454**

[sauravk6347@gmail.com](mailto:sauravk6347@gmail.com)





# Professional Summary

* 8 years of experience in **analysis of large scale business system**, predominantly in **Finance Sector**.
* Experience in working with different **Software Development Life Cycle (SDLC)** forms like **Waterfall** and **Agile** methodologies, for example, **Scrum (Agile)-Waterfall (Hybrid), Kanban** and **Scrum (Agile)**.
* Comprehensive knowledge of **OCC, OFAC, FACTA,** **FFIEC, FinCEN, SOX and GLBA** compliances and integration.
* Worked with the business to get a better understanding of **AML** and fraud investigation scope.
* Authoring Narrative **Use Cases, Functional Specifications, and Technical Specifications, reporting and testing.**
* Experience in working with risk management team in **Risk analysis, risk management** and **risk mitigation**.
* Elicited the requirements using techniques such as **survey/questionnaires, Interview sessions, Brainstorming sessions, Focus group sessions, Requirement workshops, Root Cause analysis, Document analysis, and Cost Benefit Analysis** and **Joint Application Development (JAD)** sessions with internal as well as external stakeholders.
* Experience and Accomplished in **Business Analysis, Data Analysis, Quality Analysis** and **Project Management.**
* Expertise in creating **Unified Modeling Language** (UML) diagrams like **Use Cases**, **Activity diagrams**, **Sequence Diagrams**, **Class diagrams**, **Data Flow Diagrams**, **ERD diagrams** converting them into functional requirements.
* Efficient in Prototyping Application **User Interfaces** using **Wireframes** and **Mock-ups** with focused attention to detail in enriching User Experience and User Interaction.
* Facilitated **Change Request Management**, testing and created and validated **Business Requirements documents** **(BRD), Use-Case Specifications, and System Requirements Specifications (SRS),** and **verified Requirement Traceability Matrix (RTM)**.
* Experience in writing **User Stories** following the **INVEST** criteria, experience in defining **acceptance criteria** and **prioritizing** User Stories based on **MOSCOW, KANO**. Experience in **estimating** User Stories using different estimation techniques such as **T-Shirt Sizing**, **Planning Poker**, and **Relative Mass Value**.
* Ability to manage change, **track defects** and do **defects analysis** using tools such as JIRA, RALLY and ClearQuest
* **Communicate project status** and provide **timely escalation of issues** to the Technology Project Manager (Application Manager, Demand Manager, Portfolio Manager) and ensure timely notification and escalation of possible issues/problems, options and recommendations for prompt resolution.
* Excellent working knowledge of RDBMS such as Oracle, **MS SQL Server**, **MS Access** and skilled at writing SQL DDL and DML queries to create Tables, Views, Stored Procedures, Functions, Triggers etc. to retrieve reports.
* Proficient in **Database** management system, with queries such as **Update, Create, Selection**. Expert in **query optimizations** for **Joining** and **Projection**.
* Experience with **Data warehouse** architectures, (**Centralized, Federated and Hub and Spoke**) experience with **ETL** processes, cleaning and cleansing data, Data Table structures, **Schemas**, Data Marts and **OLAP** operations, for example, **Roll-up, Drill-down**, **cut**, and **dice** and **rotate**
* In depth experience in Requirements gathering, Functional and Technical design docs, **Data Management, Data Cleansing and Process Flow diagrams, Data Analysis**, Linear and conceptual **data modelling**.
* Experience with using **SAP ERP** for financial accounting projects and SAP **Crystal report** for reporting.
* Thorough understanding of **n-tier architecture**, understanding of request and response flow. Understanding appropriate technologies for business requirements **(SOAP, REST, AJAX, JSON, and XML)**. Gathered requirements for Client-Side Validation, and Server-Side Validation. Experience in **Testing and documenting APIs** using Postman and Swagger**.**
* Experience with Finance specific messaging protocols and formats such as **SWIFT**, **FpML** and **FIX**.
* Understanding of how Business software applications use the **SWIFT messages** are used for **payments** (MT 103), **treaasury market** (MT4xx) and **cash management** (MT 940/950)
* Understanding of **PLM** (Product Lifecycle Management) and its high-level application on projects.
* Mainly involved with System Engineering(**SE**) and Product Data Management (**PDM**) side of **PLM**.
* Understanding of **Microsoft Azure**, on how it is integrated into the architecture and tools involved.
* In depth knowledge of **User Acceptance Testing** (UAT) with experience in creating **test cases** and **test plans** & release skill sets. Assisted the **Quality Assurance** (QA) team to perform **Black Box, White Box, Alpha, Sanity, Smoke, GUI testing, Functionality, Regression, System, Unit, Web Service, Performance** and **Volume testing**.
* Experience in **Data Warehousing Projects**, performing **GAP Analysis**, creating **Software Specific Documents**, and assisting the database and security team in **back-up** and **securing** the company’s **digital artifacts**.
* Expert in analyzing and reporting using tools like **Tableau, Vermillion reporting suite, Crystal Report, Power BI, and SSRS.**
* Excellent Analytical, Problem solving, Communication and Documentation skills. Self- motivated, Proven leadership capabilities and Time management skills

**Professional Experience**

**Brown Brothers Harriman October 2018 – Current  
Boston, Massachusetts**

**Business System Analyst**

The scope of the project was to build a new system which would act as a service bus for interaction between legacy systems being used for receiving messages as well as new systems being put in place for extraction, transformation and loading of messages. Our goal was to build a robust system which can handle high volumes of capital markets data from Inditutional investors and also keep track track of message lfe-cycle by making sure that each message is procecssed successfully.

**Roles and Responsibilities**

* Worked in **Scrum (Agile)-Waterfall** environment, where major responsibility included assisting product owner and development team in refining and prioritizing top items in product backlog to be pulled in sprint backlog.
* Worked with the corporate the Compliance and Fraud monitoring team to get a better understanding of internal guidelines, and help the technical team in making sure that they are implemented.
* Our requirement gathering started with a **JAD** session where we extablished the goal and here would be future **interview** sessions to adress any issues that compe up during development.
* Needed in-depth undeerstanding of valid **JSON** messages as they were being used for packaging the messages and keeping track of messages.
* Performed a **GAP analysis** between the **legacy** system and the **imminent** system.
* Constructed various **UML** diagrams such as **Use Case diagrams** and **Process flow**, by working with the system architect, and development team lead, using tools such as **Microsoft Visio**.
* Worked with Data Management, defining data specifications and maintaining data mapping specifications.
* Maintained and up-to-date documenttion of requirements and latest developments on **Confluence**.
* Used **Jira** for **defects tracking**, organizing and **collaborating**.
* Perform **data analysis** pre-design and pre-development to get a better understand to bulk dataflows for cloents.
* Lead the **meetings** where multiple stakeholders were involved to make sure that all requirements are being take of in a timely manner and without ommission.
* Used **Data mining** to implement a predictive message flows to reduce transaction and implementation time overhead.
* Worked with the **implemetation** and **release** team to make sure that all releases are on time and correct version of codes are being released.
* Ran **sanity test** immediately after release to make sure that other connected systems are not being affected.
* Worked with **ETL developers** by reviewing and maintaining up-to-date source to target **data mapping** document.
* Used **SQL queries** to **insert, update, and join** data, to validate and modify the database.
* Had a good understanding of messages used for final institutions such as **SWIFT, SWIFT-like, XML, FML, FAX and Email**.
* Understanding of how Business software applications use the **SWIFT messages** are used for **payments** (MT 103), **treaasury market** (MT4xx) and **cash management** (MT 940/950).
* Assisted the QA team in **writing test cases**, **logging defects** and **creating an error repository** to support them in testing, tracking defects and systematically manage defects. Assisted the team during continuous integration.
* Assisted the Quality Assurance team in creating manual test cases and plans also in automated testing in **Functional System Testing**, **Integration Testing**, **and Regression Testing**, using **Selenium** and assisted in performing **User Acceptance Test** using the test cases before releasing the application.

**Environment:** Scrum (Agile)-Waterfall,.Net Framework 4.5, MS Visual Studio 2012, SQL Server, MS Visio, Postman, Selenium, JSON, Jira, Windows OS, SWIFT.

**Synchrony Financial September 2017 – September 2018   
Alpharetta, Georgia**

**Business System Analyst**

The scope of the project was overall upgrade of internal portfolio management portal. The upgrade included the current look and feel of the user interface as well as additional features in the current summary reporting.Further, it included analytics portal with various default designs for producing models, creating forecasts, and predicting trends according to user requirement.

**Roles and Responsibilities**

* Worked in **Scrum (Agile)** environment, where major responsibility included assisting product owner and development team in refining and prioritizing top items in product backlog to be pulled in sprint backlog.
* Worked with the business to get a better understanding of **AML** and fraud investigation scope for the project
* Interacted with stakeholders and elicited the requirements using different elicitation processes, such as **interviews**, **brainstorming**. Conducted **JAD** session with the SMEs to understand better about the requirements
* Assisted the Risk Manager in **Risk Assessment, Management** and **Mitigation**.
* Analyzed business processes and identified process areas where existing data privacy procedures require change.
* Performed a **GAP analysis** between the **legacy** system and the **imminent** system.
* Constructed various **UML** diagrams such as **Use Case diagrams**, **Class Diagrams, Activity** **Diagram**, by working with the system architect, and development team lead, using tools such as **Smart Draw** and **Microsoft Visio**.
* Maintained the **required traceability matrix** (RTM) for tracking the origin of the project status using Confluence.
* Used **Azure DevOps** and **Confluence** for **defects tracking** and organizing and **collaborating** teams for **meetings** and **emails**.
* Used data mining and data anlytics to get a better predictive and analytics charts
* Worked with Data Management, defining data specifications and maintaining data mapping specifications.
* **Communicate project status** and provide **timely escalation** of issues to the Technology Project Manager (Application Manager, Demand Manager, Portfolio Manager) and ensure timely notification and escalation of possible issues/problems, options and recommendations for prompt resolution.
* Assisted Scrum (Agile)Master and Product owner in handling team related **impediments**.
* Developed and managed **implementation and training documentation** for new applications for business users as well as technical team for IT support
* Build **proofs-of-concept (POC)** for potential new solutions and technologies.
* **Facilitated meetings** with business managers, and subject matter experts for analysis of the project parameters.
* Worked with **ETL developers** by reviewing and maintaining up-to-date source to target **data mapping** document.
* Used **SQL queries** to **insert, update, and join** data, to validate and modify the database.
* Assisted the **Quality Assurance** team in performing **functionality testing, reliability testing,** and **utility testing** on the web service **APIs** for **FIX**, Bloomberg B-Pipe, Reuters web-services using tools **Postman.**
* Testing and documenting different **SWIFT category messages** with understanding of how Business software applications use the **SWIFTNet Link (SNL)** application programming interface (API) to access and use **SWIFTNet** services.
* Assisted the QA team in **writing test cases**, **logging defects** and **creating an error repository** to support them in testing, tracking defects and systematically manage defects. Assisted the team during continuous integration.
* Assisted the Quality Assurance team in creating manual test cases and plans also in automated testing in **Functional System Testing**, **Integration Testing**, **and Regression Testing**, using **Selenium** and assisted in performing **User Acceptance Test** using the test cases before releasing the application.
* Designed and published visually rich and interactive **Power BI** **dashboards** for further analysis.

**Environment:** Scrum (Agile),.Net Framework 4.5, MS Visual Studio 2012, SQL Server, MS Visio, Postman, Power BI, Selenium, Cucumber, REST, JIRA, Confluence, Windows OS, SWIFT, FIX.

**Santander Technologies August 2016 – August 2017  
Boston, Massachusetts**

**Business System Analyst**

The scope of the project was to enhance the web-based interface of client’s wealth management and advisory platform to increase transparency between advisors and retail investors. The project was further linked to capital market invesment portal and Instituional investors. The project involved developing a portal to providing detailed insights and factual KPIs to investors related to various suggestions and decisions made by financial advisors.

**Roles and Responsibilities**

* Functioned closely with the corporate business team, control teams and technology teams to understand the end to end process, data security and Financial Compliance documents for fraud detection and **Anti-Money Laundering(AML).**
* Interacted with stakeholders and elicited the requirements using different elicitation processes, such as **interviews**, **brainstorming**. Conducted **JAD** session with the SMEs to understand better about the requirements.
* Created, analyzed, and reviewed the functional and technical artifacts such **as Business Requirement Documents (BRD), Functional Requirement Documents (FRD), and Software Requirement Specifications (SRS).**
* Build **proofs-of-concept (POC)** for potential new solutions and technologies..
* Maintained the **required traceability matrix** (RTM) for tracking the origin of the project status using Confluence.
* Used **RALLY** and **SharePoint** for **defects tracking** and organizing and **collaborating** teams for **meetings** and **emails**
* Acted as a **client liaison** to review priorities and manage the overall client queue. Provided consultation services to clients, technicians, and internal departments on basic to intricate functions of the applications.
* Worked with Data Management, defining data specifications and maintaining data mapping specifications.
* Identified business directions & objectives that may influence the required data and application architectures.
* Worked with **ETL developers** by reviewing and maintaining up-to-date **source to target** data mapping document.
* Used Test Director, QTP, Load Runner for Test management, Functional, GUI, Performance, Stress Testing
* Used **SQL Server 11.0** as a backend database, to **insert, update, and join** data, to validate and modify the database.
* Worked with **SOAPUI4.5** to perform **load test, reliability test, utility test** and **document** and ensure that proper **business requirements** and validations existed in the **SOAP API**.
* Assisted the QA team in writing test cases, logging defects and creating an error repository to support them in testing, tracking defects and systematically manage defects. Assisted the team during continuous integration.
* Developed **Power BI** based Wealth Advisory dashboardsincorporating Waterfall charts, Heat maps and Histogramsfor relationship managers to effectively advise clients on asset allocation and tax/estate planning strategies.

**Environment:** MS Visio, Mock Up, SQL Server 11.0, SOAPUI 4.5, MS. SharePoint, MS Office, Selenium, SSRS 2012, Star-UML, JIRA, Java, Angular.js, Spring MVC, Power BI, Swagger, Cucumber, Post Man, Swagger, JSON, XML, SWIFT, FIX.

**IDBI Bank June 2015 – July 2016  
Mumbai, India**

**Business System Analyst**

The scope of the project was to develop a web application that provides a secure, detailed portfolio access, with the availability of funds for access, transactions, and investment activities. The application also provided multiple dashboards for the summary by intuitive charts, including detailed investment manager notes and recommendation-preferences from the users for investors.

**Roles and Responsibilities**

* Interacted with stakeholders and elicited the requirements using different elicitation processes, such as **interviews**, **brainstorming**. Conducted **JAD** session with the SMEs to understand better about the requirements.
* Analyzed and gathered requirements for preparation of Business Requirement Document (BRD), Functional Requirement Document (FRD) and System Requirement Specification (SRS).
* Prepared Requirement Traceability Matrix and interacted with QA team to ensure quality of software.
* Responsible for creating UML diagrams (Use Cases, Activity Diagram and Class Diagram) to capture the dynamic behavior of different applications and how they interact in the environment.
* Performed a **GAP analysis** between the **legacy** system and the **imminent** system.
* **Communicate project status** and provide **timely escalation** of issues to the Technology Project Manager (Application Manager, Demand Manager, Portfolio Manager) and ensure timely notification and escalation of possible issues/problems, options and recommendations for prompt resolution.
* Designed Test Plans and Test Cases for User Acceptance testing (UAT) with the help of QA teams.
* Prepared Business process models; used Visio to create process flow diagrams for management and mapping the logical aspects of the process.
* Created interactive dashboards and generated reports using **IBM Cognos** for further analysis.

**Environment:** WAN, LAN, .Net Framework, Visual Studio, Wireframes, Servers, Windows OS, Firewalls, Routers, Swagger, IBM Cognos.

**HSBC Bank August 2014 – May 2015  
Gurgaon, India**

**Python developer / Jr. Business System Analyst**

The scope of the project was to **configure, deploy**,new functionalities in the website according to the changing needs of the customer.

**Roles and Responsibilities**

* Using MS VISIO, conducted user-interviews for requirements gathering, analyzed requirements, and created Business requirement document (**BRD**), functional requirements (**FRD**), **UML** diagrams.
* Setting up the Sybase databases in all three environments (DEV, TEST, PROD) and developed the mappings in such a way that the external data is converted as per team’s data warehouse.
* Downloaded the files on **UNIX server, running the Informatica Power center 9.6.1 workflow**, which consumed the **UNIX** files, and gave the o/p files in **UNIX** itself.
* Created mappings using **SQL** Codes and used transformations like **expressions, routers, lookups, filters, sorters and running workflow for proper time and session management.**
* Uploading the files back to **mainframe** for the use by the business team and different client vendor teams. This process was fully automated in **PROD** but in **DEV**, it was manually done.
* Sending the vendors data (weekly/bi-weekly/monthly as per the requirements) for any change in the enrollment information for the participants.
* Providing details of plan change information, full information i.e. change plus the ongoing participants’ information lists whose plans have been discontinued for various reasons.
* Implemented **Elevation logic** as per requirement by the client.
* Performed **manual Testing** of O/P data flat files to fix any bugs, errors or redundancy in any o/p data files.

**Environment**: MySQL, MS SharePoint, Selenium, SOAP UI, IBM Cognos.

**Axis Bank August 2013 – July 2014   
Mumbai, India**

**Python Developer**

The project was to write codes in Python for changes and enhancement for Commodities Trading Front Office Tech.

**Roles and Responsibilities**

* Add new sales markups for base metal carries, Asian swaps and Averaging products
* Add new fee rules structure for Exchange Reference orders and fixing orders
* Optimize historical trade blotter export by distributing and parallelizing Cassandra queries
* Auto populate Sales book lookup using the most frequently used sales book for a corresponding client book.
* Used user authentication and authorization for between multiple systems and environments.
* Used fundamental design principles behind scalable application.
* Integrated event driven programming in python.

**Environment**: Python

**Education**: Bachelors: B.E (Hons.) **Computer Science and Engineering**, BITS Pilani -2013