**Tejas Chekki**

**Email Id:** [tejas.ch3853@gmail.com](mailto:tejas.ch3853@gmail.com)

**Phone: (207) 618-7616**

**Senior Business Systems Analyst/Scrum master**

**BACKGROUND SUMMARY**

* **Business Systems Analyst professional**with over **8+** years of extensive experience in IT Industry,working experience in **Insurance, Logistics, Mortgage &Banking.**
* Extensive experience in **Software Development Life Cycle (SDLC)** methodologies and Well experienced in working with **Waterfall, Agile Scrum, RUP and Waterfall–Scrum hybrid methodologies.**
* Techniques with expertise in **Requirements Gathering, Requirements Analysis, Design, Development, post-production support and maintenance of various applications.**
* Experienced in conductingvarious Elicitation techniques like **JAD session**, **SWOT ANALYSIS**, **INTERVIEWS, USER STORIES& BRAIN STORMING andDOCUMENT ANALYSIS** with business to gather requirements.
* Excelled at conducting **GAP Analysis** using **AS-IS and TO-BE** business processes.
* Possess excellent Business writing skills in creating **Business Requirements Document (BRD), Functional Specification Document (FSD), Systems Requirements Specification (SRS), Test Plan, Test case and Test reports.**
* Knowledge of web services related concepts like **XML, Ajax, SOA, HTML5, XHTML, CSS, Ajax and JavaScript.**
* Well versed with various protocols related to web-services and **SOA (Service Oriented Architecture) like SOAP, REST and the Internet Protocol Suite like HTTP (Hyper text transfer protocol,, TCP, FTP (File transfer protocol).**
* Skilled in documenting **Unified Modeling Language (UML)** diagrams like **Use Case Diagrams, Activity Diagrams, Sequence Diagrams, Class Diagrams, Data Flow and Business Flow Diagrams using MS Visio and Rational Rose.**
* Well versed with the **.Net** and **Java** platforms, especially with **3 tier architecture** which involves **User Interface**, **Middle Tier, Data Layer**, **IIS**, **Tom Cat**, **Apache**, **and ApplicationServersetc.**
* Expert in creating Specifications and designing **Conceptual, Logical and Physical Entity-Relationship diagrams(ERD) using VISIO& ERWIN.**Extensive involvement with **Databases, Operational data store, Data Warehousing, Data Modeling, Dimensional Modeling, Data Analysis, Data Mapping, Data dictionary and Normalization**.
* Extensive Knowledge working with **ETL** tools like **Informatica Power center, Data stage, Microsoft SSIS.**
* Proficient in creating **reports** using**Business Intelligence** tools like **Tableau, Qlikview , spot fire** and **IBM Cognos.**
* Working knowledge of **SQL**in generating **DDL, DML, & DRL**.Excellent **understanding on PLSQL & TSQL.**
* Proficient Knowledge in working with Database management system **(DBMS), DATA Warehouse Management Systems (DWMS), Logistics Management, Claim processing system, Mortgage processing system.**
* Extensive years of experience in **Business Process Re-engineering& Historical Data Analysis.**
* Facilitated scrum ceremonies in **Agile Scrum Methodology** as **Scrum Master** and **responsible for solving impediments, conflicts and conducting the various ceremonies.**
* Proficient in writing **user stories,** conducting **Planning poker, Moscow** and other techniques in Scrum Process.
* Proficient in management tools like **Version One, JIRA, HP ALM, TFS, MS OFFICE and MS Project.**
* Excelled in performing **Impact Analysis, Gap Analysis,** and **SWOT Analysis** to check a project’s feasibility.
* Knowledgeable on risk **management**, performance measure development, process development and WBS.
* Experienced in document sharing using**MS SharePoint** and documenting user stories using **JIRA& RALLY.**
* Designed & executed **test plans, test cases**and tracked defects and got them resolved.
* Possess experience in **Functionality Testing, System Testing, Integration Testing, Regression Testing, User Acceptance Testing (UAT), Load/Stress Testing &Performance Testing** in different projects.
* Strong balance of **operational, business, technical aptitude** and comprehension of their respective needs.
* Adept in **team management, problem-resolution, conflict management and people management interpersonal skills.**Highly experienced in leading different groups within different levels of management satisfying business needs of company.
* Confident in **taking ownership and leading teams** during the entire life cycle of the project.
* **Energetic, positive, and self-motivated.** Ability to adapt quickly to **challenges and changing environments.**

**Technical Skills**

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| --- | --- |
| Methodologies | Agile, Agile Scrum, Waterfall, Waterfall-Agile Scrum Hybrid, Rational Unified Process |
| Operating Systems | Windows XP, Vista, 7, 8, Mac OS X, Linux |
| Microsoft Tools | MS Office, MS Project, MS SharePoint,Version One, Word press, Mock up screen |
| Programming Knowledge | C,C++, Java. |
| Web technologies | XHTML, HTML/CSS, JavaScript, WSDL ,HTTP, XML, SOAP |
| Databases | My SQL database, Oracle, MS SQL database |
| Visualization Tools | MS Visio,ERWIN, Mock-up screens, VISIO |
| Domains | Insurance, Mortgage , logistics, Banking |
| ETL/Reporting Tools | Informatica,SSIS, SSRS, Tableau,Qlikview, IBM Cognos, Spotfire. |
| Data Warehousing | Data modeling, Data marts, ODS (Operational Data store), OLTP, OLAP (ROLAP, DOLAP, MOLAP), DIMENSIONAL MODELLING, SLICING/DICING, DRILLDOWN/ROLLUP, DATA MINING. |
| Methodology Tools | HP ALM, JIRA, TFS, RALLY, Version one |
| Testing Tools | HP ALM/QC, HP Load Runner, Smart bear |

**PROFESSIONAL EXPERIENCE**

**1. TD BANK- PORTLAND, ME**

**SENIOR BUSINESS SYSTEMS ANALYST/SCRUM MASTER JULY2014-PRESENT**

**Automated claims processing**

This project was aimed at designing, developing and implementing a web based claim processing system and integrating it with the existing web portal, so as to enhance the CRM by providing online services to their customers and also designing& implement a new OLTP system and to enhance the existing datawarehouse.

**Roles and Responsibilities**

* Established a **BusinessAnalysis methodology** around the **SCRUM and WATER FALL hybrid methodology.**
* Performed the **gap analysis** to define the current and future business requirements for the new functionalities by analyzing **As-Is/To-Be** states
* Conducted **JAD sessions**, **document analysis & one to one interviews** with the stakeholders for the requirements **elicitation**.
* Prepared **FSD (Functional specification document)**,**Use Case diagrams**&**Activity Diagrams** and other**UML diagrams.**
* Created **conceptual and Logical data models**&**business analysis process model**, performed**Data mapping** between the source and target databases**&**also generated **Analytical reports.**
* Performed **ETL (Extraction, transformation & loading**) to extract data from OLTP system.
* Discussed limitations, **risk**, dependencies and assumptions pertaining to the scope of the application.
* Worked on creation of prototypes using **HTML/CSS, mockup screens, Paper proofs** for better visualization and understanding of the software solution.
* Understood the importance of **Three tier architecture**and interacted with the development team on the same
* Played a key role in **User Accepted Testing**, **Load testing** an**d performance testing** and writing **test cases, test plans** an**d RTM (Requirements Traceability Matrix).**
* Functioned as the **primary liaison** between the business line, operations, and the technical areas throughout the project cycle.
* Facilitated all the **scrum ceremonies** (**Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective and Backlog Grooming**).
* Implemented the **time-boxes** and resolved the **impediments** faced by the scrum team.
* Wrote the **user stories &**tracked **team velocity** using **Sprint burn down chart** and **Product burn down chart**.
* Motivated the **scrum development team to collaborate and self-organize for the maximum productivity** and **efficiency**.
* Involved in handling and management of **requirements churn.**
* Collected **feedback** from the various **stakeholders and product owner** during **sprint review meeting**.

**Environment:** Waterfall-Agile Scrum Hybrid Methodology,MS Office, VISIO, TFS(Team foundation server), HTML/CSS, JAVASCRIPT,MOCKUP Screens, SharePoint 2013,Informatica Power Designer,Tableau, Oracle 12c Database

**2. COMCAST- PHILADELPHIA, PA**

**BUSINESS SYSTEMS ANALYST/SCRUM MASTER MARCH2013 –June 2014**

**Logistic management system**

This was a data migration project where two of the OLTP systems were replaced with the new ones and were integrated with the existing data warehouse. Scope also included the introduction of bar code scanner which was used to keep the track of all the bins supplied to various clients.

**Roles and Responsibilities**

* Conducted **JAD sessions** and **one-on-one interviews** with the stakeholders for the requirements elicitation.
* Prepared **BRD (Business requirement document**) &**FSD (Functional specification document)**,
* Created the **Mock-up screens** and **Wireframes** for an overview of **GUI** and **UML diagrams** such as **activity** an**d use case diagrams** for proper visualization*.*
* Prepared **conceptual & logical data models** and also **worked** with**Extraction, Transformation and Loading (ETL)**team to extract data from various **OLTP systems** and generate **BI reports** for analytical study.
* Assisted the **product owner** in creating **acceptance criteria** for the **PSPI (Potentially Shippable Product Increment) and wrote user stories.**
* Helped the developers in enhancing the **GUI** by using **AJAX** programming.
* Wrote **complex SQL queries** to filter out data from the databases.
* Performed **Risk analysis and maintained risk registers**
* Made **Requirements Traceability Matrix (RTM)** for tracing the test cases back to the requirements, ensuring requirements are met.
* Served the QA team to develop the **test plans** and **test cases** to perform the **UAT testing and black box testing.**
* Walked thru the **scrum ceremonies(Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective and Backlog Grooming**) and tracked **team velocity** and **sprint progress** using **Sprint burn down chart** and **Product burn down** chart.
* Involved in handling and management of **requirements churn and also worked on burn down charts.**
* Imposed the **time-boxes** and sorted out the **impediments and conflicts** faced by the scrum development team.

**Environment:** Waterfall-Agile Scrum Hybrid Methodology, MS OFFICE, SharePoint 2010, MS VISIO, JIRA, Tableau,SQL Server Database, SSIS,SSRS.

**3.DEPARTMENT OF EDUCATION, NYC, NEWYORK**

**BUSINESS SYSTEMS ANALYST NOV 2011 – JAN2013**

**Centralized Operational data store**

The California Department of Education proposed to replace its legacy Integrated Database (IDB) Application based on Oracle Forms version 10gR2 which will not be supported after 2017. A re-architected system will contain replacing of the Oracle forms with a new web portal and creating a centralized ODS and also generates analytical reports.

**Roles and Responsibilities**

* Performed the **gap analysis** to define the current and future business requirements for the new functionalities by analyzing **As-Is/To-Be** states.
* Went through the process of **Waterfall software development life cycle (SDLC).**
* Conducted **JAD sessions** and **one-on-one interviews** with the stakeholders for the requirements elicitation.
* Created the **Mock-up screens** and **Wireframes** for an overview of GUI and **UML diagrams** such as **sequence, activity** and **use case diagrams**for proper visualization.
* Prepared **FSD(Functional specification document)** ,**ERD,Use Cases** &**Activity Diagrams**, **Sequence diagrams**
* Performed **data mapping,** Maintained and distributed various documents to the stakeholders **using MS SharePoint 2010**
* Helped the developers in enhancing the GUI by using java script &**AJAX**programming and Architects by providing accurate business rules.
* Worked on **web services, Service-Oriented Architecture (SOA), SOAP, XML** and **API**.
* Served the QA team to develop the **test plans** and **test cases** to perform the **UAT**, and **defect management.**
* Made **Requirements Traceability Matrix (RTM)** for tracing the test cases back to the requirements.
* Performed Extraction, Transformation and Loading**(ETL)**& helped **BI team in generating reports**
* Wrote **complex SQL queries** to filter out data from the databases.

**Environment:** Waterfall Methodology, MS VISIO, MS OFFICE, HTML5 /CSS, JAVASCRIPT, AJAX, HP ALM,HP Load Runner (Share point 2010), Informatica, Qlikview , Oracle Database.

**4. CITIZENS BANK, BOSTON, MA.**

**Sr. BUSINESS ANALYST OCT2010–SEP2011**

**Mortgage processing system**

The project’s goal is to develop a portal for the user and the admin, so that user can attach the required documents for the loan and admin can extract and view the data. Project scope also included enhancement of existing data warehouse.

**Roles and Responsibilities:**

* Performed the **gap analysis** to define the current and future business requirements for the new functionalities by analyzing **As-Is/To-Be** states.
* Wrote **Business Requirements Documents (BRD)** by interviewing the business users and also conducted **JAD s**essions to elicit requirements.
* Assisted the project manager on project management tasks such as **project scope development**, **WBS**, **resource allocation**, **project estimation**...
* Analyzed and **wrote user stories** and **documented** those using **Team Foundation Server (TFS)** tool.
* Created **ERD** Diagrams (conceptual &logical)**data models**.
* Created **Unified Modeling Language** -**Activity diagrams, Sequence Diagrams and Use case diagrams** for business stakeholders to understand the business process.
* Wrote **test cases** for documenting **test plans** and prepared **Requirements Traceability Matrix (RTM).**
* Used **MS Share point** for content management and document management.
* Attended Scrum ceremonies like **Backlog refinement meeting,Sprint planning meetings**, **Daily Scrum Meeting**, Scrum **review meetings & Retrospective meeting.**
* Assisted scrum master in maintaining the **burn down charts** and have also created **user stories.**
* Performed **Risk analysis and maintained risk registers.**
* **Assisted the product owner and the team in prioritization, estimation and retrospective technique.**
* Reviewed and assisted in functional testing of the application prior to demo in the sprint review meeting.
* Good understanding of **JQuery and JavaScript** used for validation of the inputs.
* Implemented all stages of application development processes including **extraction, transformation and loading (ETL)** data from various sources into **Data warehouse and Data Marts** using **Informatica Power Center Designer.**
* Built **SQL** queries to retrieve data from **data warehouse** to verify the integrity of data.
* Assisted data **warhorse** team in **building fact and dimension table.**
* Performed **data mapping** to establish mapping between source and target.
* Used **Tableau** to generate internal reports to study and analyze the planned interfaces.

**Environment:** In-house& scrum hybrid Methodology, MS VISIO, MS OFFICE, HTML5 /CSS, Informatica Power Center Designer ,Spotfire, JAVASCRIPT, TFS(Team foundation server), AJAX, MS SHARE POINT 2007 , MYSQL DATABASE.

**5. INDIAN OIL, BANGALORE, INDIA**

**BUSINESS ANALYST AUG 2009-SEP2010**

**Oilfield Data Management System (ODMAS)**

This project implemented the ODMAS enabling the engineering analysts to collect, monitor and analyze the oilfield data like production and operation parameters, oilfield conditions, drilling conditions, and flow and capacity rates of the oil wells and oilfields.

**Roles and Responsibilities**

* Facilitated **JAD sessions** with the stakeholders for the requirements elicitation.
* Performed the **gap analysis** to define the current and future business requirements and states along with the steps needed to overcome that gap for the new functionalities.
* Created the **UML diagrams** such as **sequence, activity and use case** using **MS Visio** for proper visualization.
* Made the **Business Requirements Artifact** by documenting all the business requirements, and then **Functional Requirements Artifact** by documenting all the functional and non-functional requirements, eventually obtained the **sign-off** from the **stakeholders** for the same.
* Created **Requirements Traceability Matrix (RTM)** for tracing the test cases back to the requirements.
* Updated and shared the various document using **MS SharePoint 2007.**
* Assisted testing team to develop **test cases** to perform **black box and UAT.**
* Helped the QA team in **defect management** and **error-reports generation** using **HP QC.**

**Environment*:***RUP Methodology, MS OFFICE, HTML /CSS, SQL DATABASE,MS SharePoint 2007,HP QC,IBM COGNOS , VersionOne.

**6. DATA ANALYST/ DATA MODELER**

**CANARA BANK - BANGALORE, INDIA MAY2008–JUNE2009**

**OLTP systems & Data warehouse**

Project was to develop more OLTP systems (Data sources) and enhance the financial analysis data warehousing for analyzing customers, their transactions, accounts, balances and their authorizations between accounts of its customers.

**Roles and Responsibilities:**

* Working with the **Business Analyst and DBA, conducting team meetings and JAD sessions** for technical requirements gathering, business analysis, testing and project coordination
* Created Conceptual **Data Model (CDM), Logical Data Model (LDM) and Physical Data Model (PDM)** for the OLTP application using Visio.
* Involved in data **model reviews with internal data architect, business analysts, and business users** with in depth explanation of the data model to make sure it is in line with business requirements.
* Part of team conducting logical data analysis and data modeling **JAD sessions**, communicated data-related standards.
* Responsible as a member of development team to **provide business data requirements analysis services, producing logical and Physical data models using VISIO.**
* Involved in designing built **Data marts by using Star Schema and Snowflake schema**.
* Closely worked with ETL process development team.
* Experienced in **designing the Data warehouse**.

**Environment:** Waterfall methodology, SQL DATABASE, MS VISIO, data modeling, SSIS, SSRS.

**7. LIC INSURANCE, BANGALORE, INDIA JUNE2007–MARCH2008**

**ROLE: DATA ANALYST**

**OLTP Systems**

LIC India is a leading global provider of insurance, annuities, and employee benefit programs, serving 90 million customers .As part of the project, we are designing OLTP platform and are responsible for building, enhancing, and maintaining databases in support of applications across the enterprise

**Responsibilities:**

* Responsible for project management, logical and physical **OLTP** database and data warehouse modeling, **data mappings, data analysis** and integration.
* Created **conceptual and Logical data models** using best practices to ensure high data quality and reduced

Redundancy.

* Optimized and **updated logical and physical data models** to support new and existing project.
* Implemented **Referential Integrity** using primary key and foreign key relationships.
* Maintained **conceptual, logical, and physical data models** along with corresponding metadata.
* Provided the means of system integration by understanding the source and target data and built the data mapping
* Developed best practices for standard naming conventions and coding practices to ensure consistency of data models.
* Recommended opportunities for reuse of data models in new environments.
* Examined new application design and recommended corrections wherever required.
* Involved in logical and physical **database designs and data mappings** between cross functional application and used **SQL queries to filter data.**
* Performed Data Analysis for building the reports and building **Enterprise Data warehouse (EDW).**
* Assisted with **project and problem analysis**, effectively communicated with management and adhered to firm’s policies and procedures.

**Environment**: Waterfall methodology, ORACLE DATABASE, MS VISIO, data modeling, Informatica.

**EDUCATION**

**BACHELORS IN ENGINEERING, VTU, BANGALORE, INDIA**

**CERTIFICATIONS**

**Scrum master accredited certification – International scrum Institute**