Mahesh Kannan

**Business Systems Analyst**

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**Summary**

* Over **12 years** of diversified experience as a Business **Analyst** in **Health, Insurance, Government, Mortgage**, **Banking**, **Financial** and **Telecom** industry.
* In-depth knowledge of the Iterative Software Development Life Cycle(**SDLC**)using Rational Unified Process(**RUP**)**.** Expertise in implementing RUP through all the phases. i.e. **Inception, Elaboration, Construction** and **Transition.**
* Proven ability in **Gathering,** **Understanding** and **Analyzing Business Requirements** and optimizing **Business Processes**.
* Good understanding of key **Project Management** aspects, including **Planning**, **Scheduling**, **Monitoring** and **Problem Solving**.
* Extensive experience in creating documentation for **Requirements Management** using Rational **RequisitePro,** **Test Director** to organize, track requirements and change requests, Rational **ClearCase** for configuration and Rational **ClearQuest** for defect and change management.
* Proficient in modeling Business Processes using **UML diagrams** in **EA**,**Rational Rose** and **MS-Visio**.
* Experience in gathering requirements for **Data Extraction**, **Data Processing**, **Data Transformation** and **Data Loading** using ETL tools like **Informatica** and generating reports on **Business Objects**.
* Proficient in **Data Mapping/Modeling** and **Designing** **Relational** **Data Base** in **Normalized** form**.**
* Assisted in developing **Test Cases** and **Test Data** and conducted User Acceptance Test (**UAT**). Assisted in creating **Test Plan** and **Test Metrics**.
* Posess excellent **Interpersonal** and **Communication** skills. An excellent **Team Player** with critical thinking and advanced problem-solving skills
* Adept at using various software tools for communication.
* Experience in conducting Joint Application Development(**JAD**)sessions to deal and resolve issues.
* Good understanding of **XML** and **WebMethods** for business integration.
* Good understanding of **Object Oriented Programming, OO Modeling and Design, Client/Server** and **Web architecture.**
* Working knowledge of **Oracle** and **SQL Server**. Proficient in **SQL**, **PL/SQL** and **UNIX**.
* Developed **Application Code** using **Visual Basic**, **Stored Procedures** and **Triggers** using **PL/SQL** and **GUI interface** for end users.
* Intermediate knowledge of ETL tools like **Brio**, **Informatica** and **Business Objects**.

**Skill Set**

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| --- | --- | --- |
| GUI | : | Visual Basic(5/6), VB.Net, ASP.Net,D2K |
| Languages | : | C, C++, SQL,PL/SQL,XML,Java |
| Databases | : | Oracle(7.3/8/9i), Teradata, SQL Server |
| Operating Systems | : | Windows 95/98/NT/2000/XP, UNIX |
| Requirement Management Tools | : | EA,Rational RequisitePro, Test Director |
| Defect Tracking Tools | : | JIRA,Rational ClearQuest, Test Director |
| Business Modeling Tools | : | MS Visio, Rational Rose, DOORS |
| Change Management Tool | : | Rational ClearCase |
| Business Analysis Methodologies/Tools | : | Rational Unified Process, Waterfall, UML, Agile |
| Application Programs | : | MS Word, Excel, PowerPoint, Project |

**Professional Experience**

#### Randstad Jan’ 17 – Todate

#### Client: Genworth Financials, Richmond, VA

Data Mapper/ BSA

* Assess system interfaces, end-to-end data flows, and data storage and retrieval solutions for data modeling.
* Map legacy data stores/formats to logical and physical data models.
* Create data element definitions and dictionaries.
* Create, submit, analyze, and review data model change requests and change proposals.
* Perform requirements analysis.
* Coordinate Stakeholder input for model development and Technical Peer Review.
* Research and evaluate data standards.

#### Environment: .Net, SharePoint, SQL Server, Team Foundation Server (TFS), Mainframe,Visio.

#### Apex Systems Sep’ 15 – Dec ‘16

#### Client: Verscend Technologies (Verisk Health), Richmond, VA

Business Systems Analyst

* Work with internal and external clients to understand their business, data, and systems to help keep our product in line with our client’s needs.
* Perform extensive process analysis, data analysis, Root Cause Analysis and SQL scripting to gather client’s needs.
* Evaluated and documented data elements to understand their usage, transformations, lifecycle and quality/suitability
* Documented source to target mappings, data flow diagrams (DFD) and Meta data.
* Interpreted data, analyzed results, and provided information insights to clients to help them prioritize business needs
* Identified and defined both process and data improvements;
* Elicited and produced detailed system requirements based on research and client interaction
* Conducted Requirements and Functional Analysis to develop high level system design requirements and detailed software level requirements.
* Supported regression testing and key testing of enhancement functionality prior to software deployment. Collaborate with testing team extensively.

#### Environment: .Net, SharePoint, SQL Server, Team Foundation Server (TFS)

#### HCL Global Systems Oct’ 12 – Aug ‘15

#### Client: Dept. of Social Services,

#### Dept. of Child Support Enforcement (DCSE), Richmond, VA

Programmer Analyst

* Perform **requirements gathering** and code analysis for state government data systems.
* Analyze existing Mainframe systems, batch processes and workflows.
* Work with internal business and Operations to identify business needs and translate those into business/functional requirements, **UML** and BPMN Diagrams and other project artifacts.
* Performed **system analysis** and developed Business flow diagrams, **Systems Use Case**, **Activity diagrams** and **Sequence diagrams** using Enterprise Architect.
* Created and maintained detailed **RTM**, process maps, gap analysis, data mapping and support.
* Researched methods of integrating by identifying the data feeds to be fed from one system to the other to enable successful integration
* Used **Enterprise Architect** for Business Process Re-engineering.
* Help quality assurance team in translating requirements into formal test cases and test scripts.

#### Environment: IBM Mainframe, COBOL, SQL Server, XML, .NET, JIRA, Enterprise Architect

#### Idexcel, Herndon, VA Nov ’05 – Sep’ 12

#### Client: Capital One, Richmond, VA

Business System Analyst

* Involved in gathering requirements, performing and creating detailed technical systems analysis with **context diagrams** and **data flow diagrams**.
* Responsible for providing platform and consulting support for IT Systems and business customers across multiple IT platforms and domains pertaining to Loss Mitigation.
* Created **process flow** documents for Loss Mitigation systems.
* Responsible for **managing risk**, infrastructure integrity and alignment to domain target architecture for IT systems owned by Loss Mitigation as well as external platforms.
* Analyze, log and document repetitive issues to identify root cause and communicate to resolve technical issues.
* Responsible for the integrity of solutions as well as platform performance of IT systems.
* Actively engage in responding to system outages and participate in anomaly research.
* Worked with Data analysts on **database design** (Relational Database).
* Retrieve required data elements, assess criticality of incident, categorize incident and escalate when required.

**Environment:** Agile, Oracle, Teradata, MS-Word, MS-Excel, PowerPoint, Visio, Java, XML, web logic.

#### Client: Health Management Corporation (Well Point), Richmond, VA

Business System Analyst

* Facilitated workshops with SMEs to capture and document existing **business process flow** and **systems analysis.**
* Depicted **AsIs** and **ToBe** business process flow models and performed **GAP** **Analysis**.
* Worked extensively with Data Architects on **database design** and **data modeling**.
* Played a substantial role in process definitions and created detailed **functional requirements and process documents**.
* Captured, developed, and documented data definitions, business rules, data quality requirements, and logical and physical data models based on requirements
* Performed extensive data analysis using SQL.
* Performed reverse engineering to document some critical system processes.
* Performed **Data Mapping** from Source to Target and modifications to **User Interface**.
* Gathered requirements to create complex tables based on data files specifications.
* Performed manual testing- test case creation and test script execution according to the test plan.

#### Environment: SQL Server, XML, Java, Informatica. Test Director, VSS, MS Project, MS-Word, MS-Excel, PowerPoint.

#### Client: Blue Cross and Blue Shields Association, IL

#### Business System Analyst

* Gathered requirements to write business specifications.
* Interfaced with business customers to determine and document **business process flow.**
* Depicted **AsIs** and **ToBe** business process flow models and performed **GAP** **Analysis**.
* Developed **UI Prototypes** using VISIO.
* Conducted **JAD sessions** with Business Users, SMEs, Business Analysts and Development team.
* Conducted **walk-through** and **design reviews** with Business and Development teams.
* Followed a planned approach to **organize requirements** into **logical groupings** of essential business processes, business rules, matching rules and **ensured that critical requirements were accounted for**.
* Acted as a **liaison** between business users and technical teams.
* Coordinated with project manager with various status reports.
* Participated with PV (Quality Assurance) testing efforts.
  + Assisted in requirements-to-test-case **traceability**.
  + Review proposed test plans and test cases.
  + Participated in **user acceptance testing** efforts.
* As a member of **Change Management** Committee, participated in product and project change management to study impact assessment, prioritization and communication for project requirements and product enhancements
* Review user manual and Help documentation and provide feedback.
* Participated in internal users training.

**Environment**: Oracle, Java, Clear Case, Clear Quest, VISIO, Project, Excel, and PowerPoint, Rational Rose

#### Client: Health Management Corporation, Richmond, VA

Business System Analyst

* Conducting **meetings/interviews** with stakeholders and SMEs to **gather requirements** for various Data Load’s.
* Worked extensively with Data Architects/data modelers on **database design** and **data modeling**.
* Interacting with the stakeholders to review and baseline the design documents.
* Converted **Business Requirements** to **System Requirement** **Specifications**.
* Performed **Data Mapping** from Source to Target and modifications to **User Interface**.
* Created **metadata** and **data dictionaries** for xml data files.
* Documented **process flow** for Member Load and Case Load systems.
* Overseeing and helping the QA team to devise the test plan for the application by explaining the business case.

#### Environment: SQL Server, Java, Informatica, Test Director, VSS, MS-Excel, PowerPoint, MS Project

#### Client: CapitalOne, Richmond, VA

Business System Analyst

* Worked closely with Managers, Business Users and Customers to determine the **reporting infrastructure** for conversion.
* Conducted/Organized individual and group (**JAD**) sessions with business and technical units and **gathered requirements.**
* Analyzed **software requirements**, **business requirements** and **functional specifications** and reviewed the **design documents** in different methodologies.
* Determine the **rationalization approach** and items for local versus centralized control.
* Worked with **Data Analysts** in grouping of **Metrics** and **Dimensions**. Worked on Oracle and TeraData.
* **Gathered requirements** to determine reports that need to be built new, kill or remediate.
* Compiled list of business metrics and dimensions and determine the use of metrics and dimensions.
* Assisted **Functional teams** and **Business owners** to document actions taken from each metric and dimension to understand how they are used.
* Gathered **business requirements** from the Business User and documented the requirements.
* Conducted **FRS** and **URS** reviews and walkthroughs with the designers, developers and stakeholders.

**Environment:** Agile, Oracle, Teradata, RequisitePro, Clear Case, Excel, PowerPoint, Visio, Brio, Micro Strategy.

#### Versabyte Data Systems, Bangalore, INDIA May 1999-Aug 2003

Client: Central Power Research Institute (CPRI), Bangalore, India

Programmer Analyst

* Performed **Analysis, Design** and **Development** of the system.
* **Developed GUI, Database links, Stored Procedures and Functions in Oracle.**
* Generated **Reports** using Crystal Reports and Excel.

**Environment**: Visual Basic 5, Oracle 7.3, Crystal Reports, SCO UNIX, PL/SQL, SQL, MS Office

**Education:**

* Master of Science in Information Systems, Texas A&M International University, Texas, USA.
* Bachelor of Engineering in Computer Science, India.