SAHIL DATERAO, MBA (Tech)

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Summary

Requirement Engineer | Business Analyst

A seasoned candidate with 3 years-experience as business analyst, master's degree in analytical discipline, and well versed with,

- Streamlining requirement engineering processes that combines stakeholder's long term vision with rigorous Verification &Validation activities.
- Creating StRS, SyRS, SRS documents exacting ISO 29148 and other standards that fosters inclusiveness, and business ethics.
- Curating Elicitation workshops that facilitates seamless client interaction and strengthens stakeholder relations.
- Crafting SysML, UML, BPMN models that ensures consistency of requirements throughout SDLC.

Experience

IGT Infoglobaltech, Bangalore   May 2022 – Present

As 8th person to join business analysts' team in 100+ person infrastructure service provider in software industry deployed from scratch fully functional requirement – elicitation, modeling, validation and management practices resulting to 10X more value addition to all stakeholders. During my tenure, I was responsible for,

Wireframing and Exacting Standards, (Project – AVA, Pet Care industry)

- Wireframing with Figma: Apply MoSCoW analysis technique over 20+ Pet Care apps, and prototype mobile application using Figma.
- Requirement Definition: Define Use Case and Specify Software Requirements for developers as per IEC 62559 and IEC 29148 resulting in clearer understanding of product functions, relating to use of Azure Synapse Analytics, PostgreSQL, Firebase – Crashanlytics, Azure Cloud etc.

Project Management Responsibility, (Project – Apache Service Mix 7.4 ESB Upgrade, Banking industry)

- Sprint refinement using Azure: Decomposition of Epics i.e high level requirements into User Stories i.e low level logical requirements, making available mission success criteria and stakeholder's mission objectives in every unit tests for developers and testers..
- Exacting Standards: Outline the ISMS Scope, standardize the Architecture Design template and apply COSMOD-Re analysis for ISO 27001.
- Conflict Resolution: Identify conflicts, classify them into data, value, interests and subject and using conflict resolution technique – BATNA turned near to dying project to 140% profitable.

SysML and Use Case documentation, (Project – DR Reporting C4 Model documentation, Banking industry)

- C4 Modeling: Spearhead abstraction level documentation with solution architects to assist testers, programmers, developers with reference diagrams and use cases resulting coverage of compliance - IEC 62559.
- Modeling using Visio: Develop in less than 25 days, 120+ SysML diagrams representing classes, interfaces, objects, functions within software resulting to ready for reference material at reusability of *DR Reporting* software.
- Diagraming with code: Adopt to "abstraction-first" approach to scale software architecture diagrams resulting to seamless and effortless change management in models (Diagrams) at times of re-baselining requirements.

Business impact analysis and change management, (Project – Fenix, Retail industry)

- Database Modeling : Draft data dictionary, data flow diagram of 'As-is' and 'To-be' workflows, catering trade study alternative choices to stakeholders resulting in change management as per ITIL/ISO 20000.
- Requirement Modeling: Cater options to re-baseline requirements using System Modeling Language diagrams, Business Process Models

Requirement Management, (Project – JM BlueStart, Banking industry [Credit Collection])

- Focused Validation: Establish iterative v-model testing process for verification across all abstraction levels - component, integration, system, acceptance of *CoSaCs,* a retail banking software, resulting to zero escalation during software development process.
- Eliciting Requirements: Identify requirements, align project position and business case as per mission objectives using workshop, KJ method, Questionnaires and Prototyping techniques resulting to clearer requirement information model for developers, testers and stakeholders.
- Requirement Traceability: Assist developers to stay consistent with needs stated in SyRS, SRS, StRS documents for migration deployment.

Education

Narsee Monjee Institute of Management and Studies, Mumbai   Apr 2016 – May 2022

Masters of Business Administration – Business Intelligence Analytics (2.68 CGPA / 67 %)

- Subjects: Big Data Analytics, Predictive Analytics, Un-Supervised Learning, Statistical Analysis, German & Spanish Language, etc,

Bachelors in Technology – Mechanical Engineering (2.58 CGPA / 64.5 %)

- Subjects: Engineering Mathematics, Fluid Mechanics, Heat Transfer, Vibration & Material Engineering, Mechatronics and Control, etc.

Parallel Learning (NPTEL, Goethe Institute, IREB)

- Continuously honing data science skills using Matlab, Python, SQL, actively learning German language

Skillset

Managerial and Technical

- Concepts: Requirement Information Model, Change Management, Business Continuity Management, Stakeholders Collaboration, Lifecycle Management, Use Case Documentation, Requirement Elicitation, Scenario Based Testing, User Acceptance Testing, Machine Learning.
- Tools / Databases: GitHub, JIRA, Postman, PostgreSQL, Talend, SAS Enterprise Miner, PlantUML, Figma, Azure, AWS, Microsoft Suite
- Programming Languages: Python, SQL, MATLAB, SAS, R