**DIPTI RAY**

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| **SUMMARY** |

* Business Analyst/ Business System Analyst with **8 years** of experience, primarily in **Capital Market**, **Retail Banking** and Insurance industries
* Strong knowledge of Software Development Life Cycle (SDLC) methodologies such as Waterfall &Rational Unified Process (RUP) and Agile
* Expertise in gathering, analyzing and documenting business requirements and developing Business Requirement Documents**(BRDs),**Functional Requirement Documents**(FRDs),** Technical Requirement Documents**(TRDs),** System Specification Documents(SSDs),UAT Documents & Non Functional Requirement Documents
* Expertise in **UML** (Use case Diagrams, Activity Diagrams, Sequence Diagrams)
* Hands on Experience with Rational Rose, Rational Requisite Pro, Rational Clear quest and MS Visio
* Hands on experience in **Change Management Processes**
* Skilled in the implementation of business practices like Project management, Business Process Re-engineering (BPR), Business process streamlining, Process optimization, Process mapping etc
* Extensive experience in Functional Requirement Gathering and **Gap Analysis** (As Is, To Be)
* Extensive hands experience on **SQL Query** skills using different databases
* Extensive experience in data mapping, data modeling, data analysis artifacts and documentations
* Expertise in writing and implementing **Test scenarios**, **Test cases**, Integration System testingand maintaining Requirement Traceability Matrices (RTM) for baseline documents
* Performed User Acceptance Test **(UAT)** by working with internal and external users/customers and obtained delivery approval
* Served as a **liaison** between **business** sponsors and technical staff while taking on the key responsibilities of managing expectations of business users
* Experience in Capital Marketpertains to **Market Data** & Risk Managementwith in depth knowledge in Stocks, Bonds, Options, Futures, Forwards, Swaps, Etfs, Mortgage Backed Securities, CDS and CDO’s & pricing of all financial instrument
* Interacted with traders and front office desks on the **trading floor**
* Experience in **Retail Banking** domain pertains to **Credit Card** offers**/Debit Card** offers
* Experience in **Insurance** domain pertains to **policy issuance**
* Exceptional presentation skills including verbal and written skills, and flexibility in adapting to new relevant information and changes
* Highly organized with the ability to multitask and great time management skills to meet deadlines

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| **TECHNICAL SKILLS** |

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| Requirement Tools | MS Word, Excel, PowerPoint, Rational Requisite Pro |
| Databases | Oracle 10G, Sybase 15.x |
| Languages | HTML, Java, SQL, PL/SQL, XML, VBA |
| Web Technology | HTTP, SOAP, XML, XSD, WSDL |
| Testing Tools | Win Runner, HP Quality Center |
| Other Tools | IBM Websphere MQ, Cognos, Eclipse |
| Configuration/ Defect Tools | Rational Clear Case, Clear Quest |

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| Client: **Nomura Holdings Inc, Charlotte, NC** as Business Analyst AUG 2012 - Present |

**PROJECT DESCRIPTION**

SDM (Security Data Mart) is Equity IT's strategic **historical data** system containing end-of-day time-series data on financial instruments from multiple sources. It contains time-series data on various attributes for many asset classes. It also provides corporate action data, multiple industry classifications, FX spot and derived data like betas, implied and realized volatility and volatility forecast.

**ROLES AND ACCOMPLISHMENTS**

* Performed Business Analysis functions with focus on SDLC methodology for **Market Data** Group
* Created **Functional Spec Document**, **Data Mapping Document**, **XML Interface Document** for **Web service** Implementation
* Prepared test cases for Integration System Testing
* Performed testing with SOAP UI tool
* Interfaced with users through face-to-face and telephonic meetings/conferences and managed their expectations
* Worked with **traders** for data quality related issues
* Served as a liaison with business stakeholders and development team
* Interacted with IT team in Front Office and Back Office
* Maintained data quality and integrity for mission critical securities (**Equities and FixedIncome**) master databases accessed by over 100 downstream applications
* Performed complete database field **mapping** for sourcing data from alternate systems in case of decommissioning of a legacy system
* Communicated with data vendors like **Reuters, Bloomberg, Telekurs, Markit** etc

**ENVIRONMENT:** C++, Unix, Perl, Java, Oracle, SQL Developer, Remedy, Websphere, SOAP, XML, XSDs

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| Client: **JP Morgan Chase, Columbus, OH** as Business Analyst JULY 2011 – JUNE 2012 |

**PROJECT DESCRIPTION**

The DSS is a new set of web services that utilize a business rule engine to determine a recommendation/ decision based on aggregated data applied to enterprise level business rules. Business rules can be used to define a channel specific behavior. The DSS has access to all web data services to execute rules services.

**ROLES AND ACCOMPLISHMENTS**

* Actively participated in HLBR (High Level Business Requirements) sessions for gathering requirements from different LOB’s stakeholders
* Organized review meetings with various LOBs and finalized the Business Requirement Documents
* Prepared the Approach document or Functional Requirement Document (Use Cases) by coordinating with IT team
* Involved in reviewing the business process and possible improvements based on user requirement Interviewing the Stakeholders and other end users, asking detailed questions and carefully recording the requirements in a format that can be reviewed and understood by both business team and technical team
* Facilitated JAD sessions with stakeholders, business users, application SME's, Project manager
* Used XML for testing different LOB
* Prepared Process Flow Diagram and other UML diagrams using Microsoft Visio
* Handled the project as BA / Defect Manager( IST/ UAT) and maintained documents in Share Point
* Handled efficiently change management process by interacting with App Dev Manager & Business Stakeholders
* Conducted the project meetings successfully by coordinating all users, technical staff and support personnel
* Followed up with the Developers and QA team for maintaining schedules for release, bug fixing and any issues related to the applications

**ENVIRONMENT:**ILog JRules(Rule Studio), Java, Web Service, MS Office, MS Visio, Quality Centre, SharePoint

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| Client: **Travel Guard Worldwide, Jersey City, NJ** as Business Analyst NOV 2009 – JUN 2011 |

**PROJECT DESCRIPTION**

Travel Data Continuum - Travel Liberty AssistanceTravel Data Continuum is a concept that proposes flow of information from end-to-end in the business process, allowing real time re-action to detected trends within each process as well an increased customer experience and lower overall operational costs.

**ROLES AND ACCOMPLISHMENTS**

* Extrapolated and interpreted business requirements and rules into technical requirements and defined architectural components
* Involved in preparing Process Flow Diagram & other UML Diagrams for functional specs using MS Visio
* Identified use cases for many different components and created use case summary and detailed use cases
* Resolved gaps identified by communicating efficiently between Web services team and Liberty system team located geographically and in different time zones
* Helped the technical teams in mapping the data between WAATS and Liberty
* Clarified issues with developers during efforts to validate designs and functional specifications
* Involved in various technical evaluation meetings for optimizing the Business Process Flow between WAATS and Liberty application
* Prepared reports by using Cognos Reporting tool
* Performed testing with SOAP UI tool/SOA environment
* Supported in QA testing and implementation of business solutions throughout the Software Development Life cycle

**ENVIRONMENT:** Windows, Java , Websphere, Web services, Sybase, Altova XML Spy/ Altova Mapforce, MS Office, Share Point, Cognos, SOA, MS Visio

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| Client: **Thomson Financial, Boston, MA** as Business Analyst AUG 2008 – OCT 2009 |

This Project entailed the development of a full-fledged front-end system to manage the various kinds of risks associated in maintaining the portfolio of assets. The portfolio comprised of fixed income securities, equities and derivatives (Equity and fixed Income Derivative-options). The risk analysis engine accounts for various risks such as Market Risk and Credit Risk for the held portfolios.

* Documented the business process through Business Requirement Document and Functional Requirement Document
* Involved in Gap analysis around the identification of business rules, business and system process flows, user administration, requirements and assumptions
* Analyzed the various parameters that had to be accounted such as for Market Risk (1 day VaR, 10 day holding period VaR, etc) and for Credit risk (PoD, EAD, LGD, Credit Migration, Regulatory Capital etc)
* Developed prototypes using Dream Weaver for various screens such as Portfolio Selection, Securities Details , Rating, Performance etc
* Modeled the risks in Excel spreadsheet and performed sensitivity analysis and shared this document with the Traders and the technical team to facilitate more efficient communication
* Managed requirements & defects through Rational Requisite Pro&Clear Quest respectively
* Used SQL Queries for validating VAR results from reporting data and for validating performance calculations in Risk Engine

**ENVIRONMENT:**Windows, Java, Sybase, SQL, Requisite Pro, Clear Quest, Dream Weaver, MS office, Advanced Excel

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| Client: **UBS, Stamford, CT** as Business Analyst FEB 2008 – JULY 2008 |

MDS is an application used to store Market data, mainly Reference Data. Challenges involve data modeling, data distribution and validation, staging vendor data and maintenance of high volume transactions.

* Performed Business Analysis functions with focus on SDLC methodology for Reference Data Group
* Created Current State Study, Project Briefs and Functional Specifications documents for system enhancements/product data enrichment and obtained sign-offs
* Interfaced with users through face-to-face and telephonic meetings/conferences and managed their expectations
* Worked with traders for data quality related issues
* Served as a liaison with business representatives and developers
* Interacted with IT personnel in Front Office and Back Office

**ENVIRONMENT**: C++/UNIX, Perl, Java, Spreadsheet (Advanced Excel), Oracle, Reference data, Informatica, MS office, Autosys

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| Client: **Travelers Insurance Company** as Business Analyst May 2006 – Jan 2007 |

This project enables “shuttling” of travel insurance policy and related information automatically through all the existing TIC systems. This will allow each of the existing systems to perform the functionality they are best at, and transfer the information to the next system for other business processes needed to be applied.

* PreparedFunctional Requirement Document
* Involved in various technical evaluation meetings for optimizing the process flow between TIC and AgentLink system
* Involved in weekly status update to LAD regions and Business Program Managers
* Resolved the data mapping related queries from technical teams

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| **EDUCATIONAL QUALIFICATION** |  |

* **M.S in Financial Engineering, Stevens Institute of Technology, New Jersey, US**