**SANDEEP JAYA PRAKASH**

**Cell : 510-520-6314**

**E-mail : basandeepprakash@gmail.com**

**PROFESSIONAL SUMMARY**

* Experienced Project Management Consultant and Business Analyst (8+ years); Provided support throughout project life cycle for implementations, technology assessments, business analytics, project procurement, project management and training initiatives.
* Worked as a Business Analyst/Business System Analyst using the iterative Software Development Lifecycle (SDLC) principles of Rational Unified Process (RUP), waterfall and AGILE/Scrum, with extensive experience in the field of business analysis, business modeling, and process re-engineering.
* Worked on Taxonomy, Meta data definitions, Meta Data tags, trigger dates for Enterprise Content Management system.
* Experienced in Data Conversions, Data Migrations, Data Integrations, Data Cleansing, Data Mapping and Analysis.
* Strong background in Database development, ETL and Data warehousing.
* Experienced in software testing which involved development of test cases and test scripts and User Acceptance Testing (UAT) and Master Data Management (MDM) to promote a shared foundation of common data definitions within the organization.
* Experienced in gathering business requirements for web services in a Service Oriented Architecture (SOA).
* Very good Experience on Procure to Pay, Order to Cash, Record to Report and Assets to GL Cycle's Using Multi-Org. Worked on R12 Financial Modules, SLAM, MOAC, TCA & E-BUSINESS TAX. Trained the client's super users and users on the application and conducting Pilot testing, integrated testing, design validations and setups of the Distributed ERP applications.  Good knowledge and experience in portfolio performance measurement and reporting system for mutual funds and securities investment & Trading ( Long Vs Short, Pricing, NAV & Market position).
* Driving the project by keeping track of the open issues, coordinating efforts within team and ensuring that the project is delivered within its stipulated time frame.
* Leading JAD sessions to facilitate discussions of requirements scope, priority, and dependencies. Work with application architects, developers, testing teams thereby coordinating efforts.
* Expert in using industry standards to uncover the client requirements and identifying the system requirements by creating Use Case Models, Data Flow Models etc.
* Efficient in writing Business requirements document, Usecase Specifications, Functional Specifications, customer requirement Documents and Workflows.
* Integrated Audience based Web Parts, Reminders, SharePoint custom style sheet, Security groups and permissions and Utilized Built in Oracle Packages like UTL\_FILE, DBMS\_OUTPUT for better debugging.
* Good knowledge of various RDBMS like DB2, Oracle, MS-Access and MS-SQL Server.
* Experience in conducting Predictive Modeling Analysis to predict the future trend with historical information, SWOT Analysis with regards to market study & research, Cost-Benefit Analysis (make Vs buy decision), Net Present Value Analysis (NPV), Return on Investment Analysis (ROI), and Break Even Analysis.
* Experienced in Cost Estimating, planning, scheduling, Forecasting Budget (Planned value vs Actual Value), Risk Analysis, Trading & Portfolio Management.
* Manage large datasets using Teradata, Microsoft SQL , MySQL, Ms Access, Business Intelligence tools (Business Objects & SSIS), and Excel.
* Expert in Report and Query Development Process, successfully designed, generated, deployed kinds of business reports, detailed table or dashboard) to end users by employing Tableau and SSRS.
* Assigned to take over a floundering content management project using the Teamsite architecture and bring it to the point where it could be launched.
* Potential users developed detailed gap requirements to bring the project up to speed including details content data model documentation and application flow.
* Expertise in Manual and Automation Testing with Identifying pertinent master data elements (MDEs) such as entity types, data elements, associations.
* Knowledge of client-server and web based applications, strong database design (SQL) and modeling experience with project management skills with PHP.
* Assessed the current state of the project and through interviews with stake holders and extensively used MS Excel and SQL to create Adhoc reports.
* Performing data analysis by identifying the different data sources, creating logical data models and establishing relationship between entities.

**TECHNICAL SKILLS**

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| BI Tools | Microstrategy,Cognos, Business Object, Crystal Reports, SAP BI & BW,Tableau. Ms SQL (SSRS)&Qlikview. |
| IDE Tools | Rational Rose, Rational Clearquest, Rational Clearcase, MS Visio &UML |
| Testing Tools | HP Quality Center, Relativity,Test Director,Win Runner, Load Runner, Mercury, TestNG & Rational Clear Quest. |
| ERP Package | Oracle E Business Suite R12 &11i |
| Database/DB Tools | MS SQL, My SQL, Access, Toad, Workflow Builder& Oracle PL/SQL |
| Languages | SQL,C, C++ & Python. |
| Operating System | Windows, Mac Os, Unix & Linux. |
| Methodologies | Rational Unified Process, Agile & Waterfall |
| Modeling | Erwin& Visio |
| Tools/Utilities | MS Office, MS Project, Visio, Golden Gate,Salesforce, Primavera, Citrix,VB/VBA, Cisco Jabber, Webex & JIRA&UML. |

**PROFESSIONAL EXPERIENCE**

**Texas Department of Transportation, Austin, Tx Jun17 – Till Date**

**Business Analyst**

Implementing the Enterprise Content Management Systems to replace EDMS ( Filenet) and Strategies to classify Taxonomy, Metadata Definitions, Tags and Data Mapping Effort Across various Divisions and DDO’s for migration of Data from Legacy system to the new System as an effort to replace the legacy system, to provide Saas model 3rd party Cloud storage infrastructure System.

* Conducted Workshops working closely with SME’s & Various internal stakeholders to gather requirements regarding the business process. Classified Taxonomy, Captured metadata elements, definitions, subject categorization and content maps.
* Worked to capture Entity, attributes, unique keywords related to data mapping from various systems used by the client to integrate for migration purposes, Also capture trigger fields as part of records retention.
* Data cleansing to avoid Data duplication and validate data.
* Adopted and enforced key industry metadata and taxonomy standards for Finance, Compliance and Construction.
* Prepared documentation from discovery data, File plan and master data; perform analysis and submit for review.
* Worked with Cross functional teams to develop an integrated solution and service taxonomy from 3 Business Operations Divisions and Districts.
* Performed the revision and deployment of various business related category taxonomies across the site to improve findability and simplify navigation.
* Tasked with developing and governing a metadata framework for tagging assets including but not limited to images, videos and various document types of the organization related to their respective business.
* Advised on migration of Taxonomy for a new CMS implementation.
* Created reports and updated documents on sharepoint for the ECM team to review.
* Accountable for developing and enforcing taxonomy change management processes. This included researching metadata standards, creation of best practices guidelines and providing necessary training to execute. Executed the continuous updating of vocabulary guidelines and process documentation to latest industry standards including authoring definitions and other technical content in support of taxonomy requirements.

**Dragon Financial, San Mateo, CA May16 – Jun17**

**Business & Financial Data Analyst**

Development of Meta Data Management Strategy and coordinated this program with other initiatives such as products and services, data governance and system of record, to capture metadata across the enterprise. The strategy recommended that a strong data governance program be established to include metadata management going forward. In addition, Analyzed potential product profitability through unit economics and testing short term vs. long term estimates for various strategies (price, promo and sales) to identify revenue making opportunities during high volatile market. Thus helping the Business operations team to generate $100M from it’s Business.

**Responsibilities:**

* Gathered requirements for projects, enhancement and change requests from users/external vendors and prepare BRD & FSD.
* Capture metadata elements and created company taxonomy. Developed goals, project mission and vision, business and technical requirements for customer facing external portal, security, risk management, Accounting, Billing, and financials. Managed project budgets and vendors.
* Attended daily scrum meetings with business teams to update the current tasks and discussed the roadblocks to get resolutions to the issues.
* Developed Enterprise Data Warehouse to integrate the business to single environment. This data warehouse is used to access easily the detailed data on a single platform using Informatica Power Center 9.5.1 for extracting data from Various Source systems. Loaded tables from different source systems (Oracle, SQL Server, DB2, Flat Files, SAP & Sales Force) into KPI staging (Data Warehouses) using Informatica Power Center, Oracle, DB2 and SQL Server.
* Integrated Informatica Data Quality IDQ with Informatica Power Center and created various data quality mappings in Informatica Data Quality tool and imported them into Informatica power center as mappings mapplets based on the requirements from the upstream, by filtering the accounts data required by the business.
* Provided expanded document organizational taxonomy with enhanced cross-referencing capabilities and corresponding workflow.
* Provided business use cases, design specifications, participate in product selection and perform user acceptance testing for custom-built Taxonomy Management Platform
* Performed complex data queries against multiple data base environments (Oracle 11g, DB/2, Teradata) as part of testing or responding to business user requests. Presented complicated data structures and data query results to business users.
* Led the development with the technical and user community during the various phases of the project life cycle.
* Worked on exporting reports in multiple formats including MS Word, Excel, CSV and PDF.
* Portfolio Management Risk Analysis of securities (Stocks, Fixed Income, Treasury & Mutual Funds) conducting predictive modeling analysis for securities. Analyzing market trend through collection of past performance of annual and monthly forecast. Uplifted Portfolio from 1% to 28%, managing risks cause by market volatility.
* Performing Monthly/Yearly Financial reconciliation with Oracle EBS R12. Reconciling A/P, A/R, invoices, Expense A/c, Revenue A/c through SLAM into General Ledger and posting it. Also using Revenue Recognition process to analyze the Revenue aspects of services provided to clients.
* Led design and implementation of proprietary content management database and taxonomy for the direct marketing services group.
* Developed other custom reports that lists AR Refunds & ties them out to the associated AP Invoice and Payment, Customer Reports,Tax Reports as per the business requirement.
* Worked on Tax compliance according to the legal entity structure of the Operating Unit.
* End to end Implementation of Oracle Payables, Receivables, Order Management, Shipping, Inventory, and Purchasing & Cash Management.
* Converted fixed data into Oracle through web ADI.
* Created complex Ad-hoc reports, Dashboard Reports, KPI’s, KPM’s Business views containing charts showing sales, products, posted installs, in-service customers, revenue by regions, market areas & divisional managers using BI tool.
* Prepared test Data sets and performed data testing using the PL/SQL scripts. Also used MS excel for data mining, data cleansing, data mapping, and data dictionary and data analysis.
* Data mapping, logical data modeling, created class diagrams and ER diagrams and used SQL queries to filter data within the Oracle database.
* Perform UAT Testing against User Requirements and coordinated with Business Analyst, Developers, and SMEs and actively involved in Production phase testing
* Develop and maintain sales reporting using in MS Excel queries, SQL in Teradata, and MS Access.

**IEEE, San Francisco, CA Nov. 2013– May 2016**

**Business& Data Analyst**

The project was about web application of Online Account Management to ensure that the registered customers had online access to their accounts. When the customer logged on to the website, he/she could view the account details, made transfers, enrolled in bill pay, added Payees, manage any risks involved, and viewed any messages from Customer Service. The website also had a Customer Service Message Center where the customer could report any problems. The web application used extensive security features to safeguard the privacy and interests of customers and to check and verify the information provided by the customers. Assisting the Management and Business operations team through product specific analysis from product performance data collected from various sources (products and services) in 2014 to analyze and identify areas to increase revenue for year 2015 and expansion of product line in the market.

* Gathered requirements, developed solution, managed application development, and data conversion and initialization across multiple environments Master Data Management (MDM) Content Management (Offer Management), Product Creation from requirements through stabilization.
* Created Business requirement document (BRD), Functional requirement document (FRD), User stories and Product backlog.
* Led teams in multiple internal departments through content metadata exercises.
* Identified/documented data sources and transformation rules required populating and maintaining data warehouse content.
* Create reporting and analysis that could be reacted to quickly in order to continually optimize the merchandising strategy, taxonomy, catalog, page structure, usability and site experience
* Developed Informatica workflows, worklets, sessions, and tasks utilizing PowerCenter Workflow Manager.
* Worked on creating Informatica mappings with source/targets of Oracle, SAP, MS SQL and Flat Files utilizing Source Qualifier, Expression, Lookup, Normalizer, Filter, Sorter, Aggregator, Joiner, Router, Rank, SQL, Union, Stored Procedure, Sequence Generator, Update Strategy, XML Source Qualifier, Maplet Input and Output Transformations.
* Worked with business SMEs on developing the business rules for cleansing.
* Applied business rules using Informatica Data Quality (IDQ) tool to cleanse data.
* Worked with customers to gather requirements and setup Customer workbenches, transaction types, Transaction Sources, Auto accounting, SLA, Revenue Recognition policy, bank setups, Payment methods, Approval limits, Receipt workbench, month end closing for AR and bank reconciliation.
* Develop plan for applying taxonomy and metadata to improve systematic retrieval and final disposition to improve compliance, align share drive information with records retention policies and retention schedule
* Responsible for data analysis and creation of taxonomy and metadata list for the application
* Modify existing Informatica mappings to utilize Power Exchange sources and Oracle and Netezza targets.
* Develop and maintain sales reporting using in MS Excel queries, SQL in Teradata, and MS Access.
* Compiled Weekly, Monthly, Daily Financial analysis reports as per Business Groups requests with help Teradata SQL Assistant & UNIX.
* Developed and maintained (Data Extract, Transformation and Loading) mappings to extract the Data from multiple source systems like Oracle, and Flat Files.
* Responsible for creation of Collaboration Diagrams, Activity Diagram, Project Flow Diagram in MS Visio.
* Read all the functional &non functional documents to create Test Scripts & all the possible Test Scenarios to remove & fix the bugs if any.
* Assure that all Artifacts are in compliance with corporate SDLC Policies and guidelines.
* Organized JAD sessions to flush out requirements, performed Use Case and work flow analysis, outlined business rules, and developed domain object models.
* Worked on data modeling and produced data mapping and data definition documentation
* Assisted to develop the Test Plan, Test Cases and Test Scenarios to be used in testing based on Business Requirements, technical specifications and/or product knowledge.
* Revalidate the fixed defects & update the Quality Centre with the results.

**ICGCO, Kuwait Jan 2010– Sept. 2013**

**Business OperationsAnalyst**

Core Responsibilities include Business Development, managing company’s operations, strategic Partnership development and Client relations management. Identified $ 200M in Bottom line opportunities across 5 divisions which in turn reflected in generating $ 150 M yearly net revenue for the Company’s Line of Business Offering strategic pricing and promo discounts to existing clients and solicit business from new clients. Played a crucial role to expand Company’s product and business services in the local and international market Also Helped to strategize company’s investment across it’s divisions based on the performance Data collected and gathered to improve costs, operational efficiency, launch new product and optimize savings.

* Interacted and coordinated with many departments to gather requirements and to assure satisfactory data content, quality, data integrity, and receipt of desired information from JRD sessions and following the JAD methodology
* Read all the functional &non functional documents to create Test Scripts & all the possible Test Scenarios to remove & fix the bugs if any.
* Performed data analysis in support of standard report offerings and customized client data analysis needs and maintained data integrity and consistency by passing data through several analysis steps such as parsing and prototyping.
* Created and reviewed Informatica Mappings to load data using transformations like Source Qualifier, Sorter, Aggregator, Expression, Joiner, lookups, Stored Procedures and creating PL/SQL procedures, functions, Filters, Sequence, Router, Union and Update Strategy.
* Rewrote a Microsoft SSIS system in Informatica that tracks the freight billing expenses and reconciles the shipped packages with the invoices received.
* Manage the online Master Data Management request tool for new requests ensuring proper decision-making on master data creation, data standardization, duplication checks, data field accuracy and completeness while meeting acceptable turn around time. Complete large database cleanup projects to ensure data integrity.
* Created data profiling and score cards using the informatica data quality and help business analyst to understand the tool components.
* Create JIRA production bug workflow, conduct Gap Analysis by creating Swim lane diagrams and highlight the differences between the Current (AS IS) environments versus the Target (TO BE) environment.
* Utilized GIS system to track down customer demographics for logistics purpose for shipment of products.
* Wrote various SQL scripts to create database objects like tables, views, and maintain database   
  integrity using constraints.
* Implemented Oracle R12 upgrade for manufacturing division by leading the on site/offshore team and coordinating with the vendor partners onsite.
* Worked with SQL Management Studio for integration with Share point.
* Developed and prepared standardized and custom reports for internal staff, management with the ultimate goal of improving operational performance
* Created reports with query parameter to present only the required data to the users and reduce the required data retrieval time
* Identified gaps in data quality, coordinated with internal problems to address root causes, and analyzed massive and highly complex data sets, performing ad-hoc analysis and data manipulation.
* Scheduled Jobs on various stored procedures and packages to automate processes.
* Participated in Functional testing and User Acceptance testing (UAT). Executed test cases, Documenting and Resolved defects and Signed Off from Application.
* Responsible for all aspects of Accounting from: A/R, A/P, Payroll, RFI’s, Contract Documents both Owner and Subcontracts, Insurance for the company as well as tracking of Subcontractor insurance and endorsements, Human Resources, Hiring, reviewing and management of office employees. Set up safety program and company procedures manual.
* Created custom estimates for full or partial project costs including conceptual, phased, design-build, change order, budgetary, bid and definitive.  Develop tools to report and track Baseline, Current Budget and Forecast Budget and potential trends associated with forecast deviation.
* Organize requirements into high level Use Cases and low level Use Case Specifications and modeled them into UC, Activity and Sequence Diagrams using Rational Rose and MS Visio.

**Hill Int’l& SDPM, Kuwait. July 2008 – Dec 2010**

**Project Engineer & Business Analyst**

Worked with the Senior Management of Hill Int’l & SDPM JV for a $500 Million Net Worth Smart systems Technology Project to be utilized for active and passive systems of Building automation technology Accredit the Project as LEED certified. Helped the Client and the management team to cut down 40% in costs related of overall project utility consumption Thus eliminating unwanted expenditure, reduce wastage and optimize savings.

* Identified requirements for business needs, communicated gaps and issues to management.
* Designed future state business process for flawless network connections.
* Roles and responsibilities & security setup from management to end user.
* Conduct workshops for overall business processes and system process to ensure change management.
* Analyzed Business Requirements and created Use Cases, Use Case Diagrams, Navigation Flow, Business Flow Diagrams and Work Flow Diagrams for applications and created Activity Diagrams / State Chart Diagrams using MS Visio and created conceptual model, behavior diagrams.
* Assisted the PM and worked with cross functional team to identify areas for cost improvement, estimation, scheduling and forecasting budget. Prepares materials take-off and labor cost estimates, tender documents for biddings.
* Prepare project bar charts, PERT/CPM, project cash flow and budgetary cost estimates.
* Provide a full cost Engineering, Analysis and cost Control guidance to the Project Manager using various tools such as “earned value” for engineering and design, construction, and owner’s cost.
* Preparation and Submission of Monthly Cost Reports and Progress both to Main Contractor and Client.
* Developed methodology to monitor and control costs for estimates, labor, rentals and materials. Prepared committed, accrual, cost variance and EAC reports. Performed purchase order maintenance and management, invoice audits, reconciliation and change order tracking
* Assist the QA personnel in the creation of Test Cases using Rational Test Manager.
* Involved in performing version control and defect tracking activities using Rational ClearCase and Rational ClearQuest.
* Primary customer contact for internal notices, content management, community portals
* Participated in meetings with Developers, Project Managers and Quality Analysts to discuss business requirements, test planning, resource utilization, and defect tracking.
* Developed user manuals, presentations and training manuals as per project specifications and timelines.
* Managing requirements and mapping them to test plan and test cases.

**EDUCATION**

CALIFORNIA STATE UNIVERSITY EAST BAY Hayward, CA

MBA (Finance), Graduated in 2016.

PONDICHERRY UNIVERSITY

Bachelors in Technology Engineering, Graduated in 2008 Pondicherry, India