Latha Vanapalli
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Summary:

##### 14+ years of experience in SAP ECC (SD, MM, FI) and SAP BW data modelling.

##### 12+ years of working experience as BI Developer tools including Tableau, SAP BOBJ 4.2 ( Crystal Reports, SAP WEBI, UDT, IDT), SAP Lumira and SAP Design studio

##### 10+ years of working experience in data conversion and Data migration using SAP BODS.

##### 6+ years of experience in data cleansing tool Information steward and SAP HANA.

##### Working understanding of MDM, data quality, data lineage, metadata and experience with data modeling, data dictionary and data analysis

##### Demonstrated Data Quality procedural and analysis skills. Understanding of the enterprise-wide data flows including customer data flows

##### Strong process and project management skills, auditing and analytical skills; ability to direct the activities of the appropriate staff of the MDM team.

##### Ability to direct and influence the activities of cross-functional teams for the purpose of building data dictionary

##### Excellent communication and presentation skills and ability to interact appropriately with all levels of the organization, including senior management, business users, technical staff, vendors, and partners

##### Installation, configuration, administration and upgrading on both SAP Data Services (BODS) and SAP Information Steward (BOIS) servers.

##### Worked developing, configuring and maintaining, in both SAP BODS and SAP BOIS, data quality rules, data profiling rules and dashboard setup, for one or multiple information systems.

##### Good understanding in SAP BOIS Data Insight module along with other modules like metapedia, metadata management and cleansing package builder.

##### Performed the Data Profiling, Column query, Integrity test, Scheduling, Creating  trend reports, Sampling report using Data Insight.

##### Involved in creating Dashboards using Tableau Desktop, Tableau Server, SAP WEBI, SAP Lumira and Crystal reports.

##### Converted Dashboards and reports from Xcelsius and WEBI to Tableau 8.1

##### Worked closely with Business during conversion of Xcelsius reports and dashboards to Tableau. 

##### Created incremental refreshes for data sources on Tableau server.

##### Experience in Installation, Configuration and administration of Tableau Server in a multi-server and multi-tier environment.

##### Introduced Tableau to Client’s to produce different views of data visualizations and presenting dashboards on web and desktop platforms to End-user and help them make effective business decisions.

##### Created Dashboard’s using multiple BI Tools with Drill-Down capabilities using Dashboard prompts, Local and Global Filters. Experience in training Business users through online and in-class sessions.

##### Administered user, user groups, and scheduled instances for reports in Tableau and documented upgrade plan from (Tableau7.0 to 10.2).

##### Excellent understanding of concepts like Star-schema, Snowflake schema using fact and dimension tables and relational databases (Oracle), Teradata, MS Access and client/server applications.

##### Having working experience in Normalization and De-Normalization techniques for both OLTP and OLAP systems in creating Database Objects like tables, Constraints (Primary key, Foreign Key, Unique, Default), Indexes.

##### Having strong analytical, logical, Communication and problem-solving skills. Ability to adapt to new technologies by self-learning.

##### Ability to work independently, excellent communication and strong team-building management skills.

##### Good knowledge on Data Quality Assessment & Data Cleaner Tool, Data Model Creation. Written SQL queries to test the OLTP & OLAP Databases based on changes of the functionality.

##### Expertise in writing SQL Queries, Dynamic-queries, and complex joins for generating Complex Stored Procedures, User-defined Functions, Views, Cursors and Triggers perspective.



Education:

* MCA University of Madras - 2001.
* B.Sc. Chemistry University of Madras – 1998

Work Experience:

London Stock Exchange Group, NC DATA steward Architect May ’19 – Till Date

Project: ISD-EDM (Enterprise Data management)

* Streamlined and Redesigned vendor and Supplier, Equity and Bonds Master data.
* Data Profiling and Extraction of the Files to SAP HANA Database
* Reviewed the impact of process change on current users to determine the gaps and training needs.
* Created and delivered presentations to internal and external customers, detailing the proposed systems as well as the anticipated outcomes.
* Established internal teams to handle various customer needs.
* Mapping vendor/ supplier information in order to build consolidation plan.

Evoqua, Pittsburgh, PA SAP Technical Architect Apr ’19 – Oct 2019

Project: Dev-ops

* Extraction of Sales customer and Material Data from SAP to SQL through BODS.
* Development and support of Qlik view web focus and Power BI reports.
* Upgrade from BODS 3.2 to 4.2.
* Gathered requirement for daily sales reports.
* Working closely with Business users and Data Governance team to profile the Files and setup score card
* Working on Metadata linage and uploading Matapedia files in information steward
* Working on setting up users, roles and email configuration for the rules / cleansing package / Matapedia

(terms and categories) approval

* Mapping and development of Billing, Sales and Budget data
* Completed SLT configuration and replication of SAP Tables and Flat files.
* Developed and prepared demo of Billing fact data tableau dashboard to customers.
* Currently preparing Sales Fact table Modelling in HANA

Delta Dental, San Francisco, CA Lead SAP BODS BOIS BOBJ Tableau Consultant Aug ’17 – April ‘19

Project: Benefit Keyword Automation (P2E Benefits Keyword Automation)

* Requirement Gathering and development of P2E Benefit Keyword Automation, Extraction Transformation and Loading Dental Benefits information from Oracle server to Cloud AWS SQL server
* Preparing the Detail Technical Design for the Automation of the Keyword load.
* Design the database and Develop Quality Dashboards using Tableau.
* Developed Universe using IDT for development Group renewal reports
* Developing WEBI reconciliation reports.
* Generated report on Claims data for cleansing.
* Worked on Metadata Management module is its capability to perform impact and data lineage analysis
* Understand data sources, data structure and data capture and reporting systems.
* Developed data mapping, integration and consolidation approach, methodology and tools
* Implemented data mapping, integration and consolidation.
* Using data profile functionality, performed Summary on the data, Comparison, Frequency Test, Word Frequency test, Uniqueness of data, Redundancy test.
* Validate and maintain risk data quality in the mapping, integration and consolidation process.
* Conversion and Migration of Benefits, Claims and Counters master and transaction data using SAP BODS
* Preparing and presenting automated solution for the existing manual process to Business.
* Performance tuning and enhancement of the existing Job.

Intuitive Surgical, CA Dec ’16 – April ‘17

Project: SAP BOBJ, BODS, BOIS, HANA, Tableau Developer

* Perform data integrity checks, report anomalies, and work with development teams for resolution using score cards.
* Developed reports on business unit-level KPI's and metrics in alignment with corporate objectives and BU priorities
* worked with Data SMEs from key lines of business for representation on Data Governance.
* Worked with business process owners, stakeholders to understand and document the requirements. Interacted with the manager and leads to understand the business requirements and implemented the business rules to redesign and enhance the existing data flows.
* Transformed TABLEAU into a managed service offering for consumption across Corporate Treasury and Corporate Investments.
* Act as a Point of Contact/Administrator in Data Interoperability, Analytics and Business Intelligence and Production Support issue resolution.
* Build and maintain SQL scripts, indexes, and complex queries for data analysis and extraction.
* Designed, developed and supported BI solutions, Involved in Debugging and monitoring, and troubleshooting issues.
* Used ABAP Dataflow to extract data from SAP ECC.
* Designed, developed and implemented solutions with data warehouse, ETL, data analysis, and BOBJ WEBI and Lumira reporting tools.
* Worked on Financial consolidation, Planning and analysis on SAP H4 HANA Cloud using SAP Analytics cloud
* Played key role in enhancing client’s Web reporting system, reducing time of delay financial tracking analysis by 30%.
* Responsible for day to day operations and technical deployment to ensure solution is in compliance with quality and regulations, meeting user’s requirements, and applying standards and best practices.
* Worked with complex data integration from multiple source system, multiple subject area, multiple data entity data environments
* Involved in performance issues while doing Full load and delta load using data services.
* Implemented various performance optimization techniques such as caching, Push-down memory-intensive operations to the database server, etc.
* Implemented Server groups to use advance performance tuning feature such as parallel data flow, dividing dataflow in to sub dataflow and Degree of Parallelism.
* Made modifications to existing universes by adding new tables in the data warehouse, creating new objects and exported the universes to repository.
* Responsible for designing, building, testing, and deploying Tableau Dashboards, Universes and Reports using Web Intelligence through Business Objects.

Delta Dental, San Francisco, CA Lead SAP BODS BOIS BOBJ Tableau Consultant May ’16 – Dec ‘16

Project: Prospects to Enrollee Benefit Automation (P2E Benefits Automation)

* Requirement Gathering on P2E Benefit Automation, Extraction Transformation and Loading Dental Benefits information from Oracle server to Cloud AMS SQL server.
* Managed 15 offshore resources.
* Defined and documented information object with the relationships between source systems including hierarchies and control points.
* Defined and documented data quality rules, approval processes, availability rules, and exception reports.
* Performed manual cleansing processes where control gaps may exist.
* Performed data validation testing and periodic audit for data quality.
* Developed Variation Report using Crystal reports and Automatic upload to Metavance oracle Database.
* Worked on Unix and Linux environment.
* Working on the database design of the AWS SQL Server for the BODS loads, Jira for managing the Sprints Agile methodology, used Confluence for sharing the files in AWS server.
* Conducted Workshop on developed UI screens and reports, Integrated ETL with PEGA systems.
* Creation of metrics, attributes, filters, reports, and dashboards. Created advanced chart types, visualizations and complex calculations to manipulate the data. Act as a Point of Contact in Data Interoperability, Analytics and BI and Production Support issue resolution.
* Transformed Tableau into a managed service offering for consumption across Corporate Treasury and Corporate Investments.
* Experience in Developing Performance Dashboards, Score cards, Metrics, What if analysis, Prompts, Drills, Search (using Addons), Reports/Dashboards for all the functional areas including Finance, Change Management, Order Management, Pricing, Purchasing, HR, Demand Planning, Discrete Manufacturing, Quality, Inventory Warehouse Management, Supply Chain, and Transportation, Sales/Marketing, variable Objects with formulas.
* Developed the SQL queries for unit testing the BODS results, Technical documentation, developed more 1000 the User stories and sub task in Jira, Automated custom upload programs.
* Created Dashboard for variance report involving 12 different insurance benefit packages.
* ETL Performance fine tuning reduced 50 % load time.

Munich Re, Atlanta, GA Lead SAP BODS, BOIS, BOBJ HANA Tableau Feb ’15 – April ‘16

Project: SAPPHIRE

* Conducted 1:1 session with various departmental Business users of Munich Re in gathering requirements.
* Crafted database design and developed technical document design.
* Created and manage users and user permissions, Configure connections, projects etc. using CMC
* Managed schedules for Data Insight tasks, Metadata Integrators, Score Card Utility etc.
* Monitored and Manage servers and services and configured application setting.
* Developed Cleansing package using Package Builder module of SAP Information Steward, to classify the data and define standard forms and variations based on the data.
* Published the cleansing package and used by the Data Cleanse transform in Data Services to parse and standardize the data.
* Worked in EIM data governance for Brokering data requests, debugging, validation and delivery of the objects
* Extracted raw client data the Cobol copy, excel file and text, CSV format loading in to SQL server, Mapped loading data to policy, policy component, PC value and PC Factor, Claims, Exclusions, Insured person data in to SQL server.
* Designed the best in class Data modeling and recommended strategies for BOBJ environment and architecture for SAP Native HANA and Created Dashboards for the customers, DS 4.1 and configured SAP and Windows AD authentication for Business objects enterprise.
* Integrated BOBJ 4.1 and BODS 4.1 with SAP Native HANA1.0.
* Connected Tableau server to publish dashboard to a central location for portal integration.
* Connected Tableau server with Launchpad and setup auto refresh feature.
* Created visualization for logistics calculation and department spend analysis.
* Generate KPI for customer satisfaction survey results and disease management.
* Maintained Test log and Wrote test Evaluation, Summary Reports.
* Extensively involved in doing user acceptance testing (UAT).
* Defined best practices for Tableau report development and effectively used data blending feature in tableau.
* Create, customize & share interactive web dashboards in minutes with simple drag & drop method and access dashboards from any browser or tablet.
* Connect to Oracle directly, created the dimensions, hierarchies, and levels on Tableau desktop.

Heinz, Pittsburgh, PA Lead SAP BODS BOI, BOBJ HANA Tableau May ’14 – Jan ‘15

Concurrent Project: Global Implementation Project

* Global implementation project:
* Leader and Mentor for a large IBM Team onsite/ Offshore Model.
* Worked on Data profiling and data monitoring using the data insight of Information steward.
* Created category and maintained the metapedia of all business objects
* Gathered reporting requirements from Columbia, India, Egypt, Russia, Brazil and South Africa.
* Supported all phases of IT projects that include EIM-specific components, processes, and deliverables.
* Managed Software Development Life Cycle (SDLC) efforts and delivered on EIM-related projects and deliverables.
* Data Modeling Logical, Physical models using DB Designer and MySQL.
* Developed WEBI, Crystal reports, Universe, IDT, troubleshooting, Source File mapping root cause analysis, solution development and Data .Quality on Customer master address cleansing
* Performance tuning, Recovery mechanism, Error handling in scheduling and Challenges in OLE error resolutions.
* Wrote DS scripts using Search, Replace, Lookups and Custom Functions for ETL audit process.
* Involved in System integration testing BW and Teradata using various source data scenarios.
* Developed Executive Dashboards for Regional Managers and Finance Directors.
* Used Combo box, List View, List Box, List Builder, Line Chart, Column Chart, Pie Chart, and Spreadsheet Table.
* Dynamic Visibility, Insertion Type (Position, Value, Label, Filtered Row, Status List, Row, Column), Linking of Dashboards, Alert, Ignore End Blanks and Installed Xcelsius, Customizing Themes.
* Building, publishing customized interactive reports and dashboards, report scheduling using Tableau server.
* Created Relationships, actions, data blending, filters, parameters, hierarchies, calculated fields, sorting, groupings, live connections, and in-memory in both tableau and excel.
* Created customized reports using various chart types like, text tables, bar, pie, tree maps, heat maps, line charts, pivot tables, combination charts in excel and tableau.
* Tested reports and uploaded tableau dashboards on to server and provided production support for tableau users.
* Worked with security teams to setup user access levels, and server sizing based on country and Package level access.

Coca – Cola Refreshment, Atlanta, GA Sr. SAP BODS / BOBJ / Tableau Lead May ’14 – Dec ‘14

Concurrent Project: Implementation and Support Project

* Leader and Mentor Capgemini Team onsite/ Offshore Model.
* Gathered requirements, designed Functional/Technical specifications, Data Migration to SAP BW and Teradata.
* Staging source data into Data Services Engine from SQL server, flat files, Excel and transformed to target SAP BW.
* Data Analyzing, Profiling, Validation, Reconciliation, Cleansing, De-duplication, Enhancement and Enrichment.
* Launched Design Studio and created new "Desktop Browser" with Blank Template.
* Created dashboard drilldowns using “on select” property, Performed complex source to target data mappings.
* Worked with system admin, database admin, and security to support all EIM systems/applications.
* Service level agreements (SLA’s), support procedures and on-call schedules.
* Built and Unit tested the jobs for migrating objects using SAP Business Objects Data Services best practices to load Master and Transactional data objects into SAP ECC and performed Customer master address cleansing.
* Created Material consumption dashboard by region.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.
* Created Tableau scorecards, dashboards using stack bars, bar graphs, scattered plots, geographical maps, Gantt charts
* Worked extensively with Advance analysis Actions, Calculations, Parameters, Background images, Maps.
* Tuned and monitored Data Services Jobs and Transformations for the better performance of jobs.
* Migration of jobs between different Central repositories and executed from Central Management Console as a part of different loads.
* Involved in error Handling, development of custom scripts.

Zep Inc., Atlanta, GA Sr. SAP BODS / BOBJ Team Lead June ’13 – May ‘14

Implementation and Support Project

* Data modelling to extract SAP ECC data in SAP HANA and loading through SAP BODS.
* Mapping the legacy database fields to SAP ECC and created universe on SAP Native HANA database.
* Provided Technical expertise to design most efficient and cost effective solutions for DB2 based database systems
* Created Data Model and developed EIM Master Data Migration using SAP BODS, WEBI reports on Universe and launched the reports to info view, Dashboard to show Top 20 customers, least 10 customers, returning customers, sales and revenue reports.
* Worked with MDM team on Customer Master, Employee Master, Product Master, Sales Align Data, Distributor master, Contract Master.
* Modelled Database on Teradata and SQL Server 2008 and Standardizing of Master Data.
* Advised and Developed ABAP dataflow in BODS.
* Designed and Modelled SD, MM, FI, OM and PP SAP Modules to fit the legacy system to SAP System.
* Developed Rapid Marts for Reporting, Universe using the Universe Designer 3.1 on the Teradata Database, WEBI Reports on universe designer.
* Involved in Data Cleansing & Data Validation and all other support activities.

UPS, Atlanta, GA Sr. SAP BODS / BOBJ Team Lead July '11 – June ‘13

Implementation and Support Project

* Worked on Multiple Data source like Oracle, SQL server, Teradata, BW and ECC to extract LMS and GWS data.
* Used information Design tool (IDT) to create universe from multiple data source.
* Hands on:
	+ Migration of universe and reports from BOXI.3.1 version to BOBJ 4.0.
	+ Migration of Teradata to Native HANA through Data services.
	+ Universe on SAP HANA.
	+ Extracting the data using BODS from the legacy system and SAP ECC to Teradata.
	+ WEBI reports on universe and published to Launchpad.
	+ Crystal reports direct connection to function module of ECC through Information design tool.
	+ Development of ABAP function module to extract real time data from SAP ECC to build universe.
* Xcelsius, Web Intelligence and Crystal Reports:
	+ Arcos State Regulatory reports, Returns Count report using web intelligence.
	+ List for Collections Billing reports in both BEX and Crystal report.
	+ Customer Build /Update reports, Price Override Audit report, EDI vs. Manual by Customer type report, Customer Master Report, Generic extractor using view for Credit and release report, Credits and Debits reports using Crystal reports.
	+ Customer sales dashboard.
	+ Client sales recap report using Xcelsius
* Involved in Installation, troubleshooting of Business Objects 4.0, Crystal reports from the service market place, Performance tuning of reports in crystal reports, Developed Universe connecting to SAP ECC system using the Data Federator, developed reports in WEBI using Universe designer, Universe designer BOXI reports and upgrade to BOBJ 4.0, Worked both in Relational and OLAP database and in UNV UNX conversion.
* Involved in Post Go-live Production Support.

Avnet, Phoenix, AZ Sr. SAP BODS / BOBJ Team Lead Oct ’10 – June '11

Implementation and Support Project

* Gathered Reporting requirements from several user departments.
* Primary role required analysis of the implemented Salesforce.com CRM system, understanding its present design and the transformation required.
* Conducted Workshop on the AS IS – TO BE detailing the GAP Analysis.
* Developed a new schema to better satisfy the needs of the users
* Prepared and re-defined the scope document for the additional modification required.
* Used various means to extract sensitive and important data before making the modifications
* Worked with various salesforce.com objects like Accounts, Contacts, Leads, Campaigns, Reports, and Dashboards
* Developed and configured various Custom Reports and Report Folders for different user profiles based on the need in the organization
* Maintained user roles, security, profiles, and workflow rules wherever necessary
* Extracted data from SAP ECC system to Teradata using BODS.
* Business Object Universe, Business Objects Reports and Business Objects repository extensively used, and new universe were designed and developed to support the user requirements.
* Responsible in creating Reports which enables customers to create predictive models which is utilized to solve horizontal and industry-specific business problems using data mining.
* Customized extractors for campaign and marketing analyses.
* Developed CRM reports to win/loss customers.
* Defined BO Classes, Objects, in the Universe, defined Cardinalities, Contexts, Joins and Aliases.
* Involved in designing, developing and deploying using Universe Designer
* Working in BIW for performance Tuning and designed the Avnet SAP Portal.
* Involved in testing the queries in HP QC.

Home Depot, Atlanta, GA Sr. SAP BODS / BOBJ Team Lead Jun ’10 – Sep ‘10

Implementation and Support Project

* Worked closely with the business owners/users to gather requirements, created functional and technical design document specifications, performed what if Analysis Report using Xcelsius.
* Data services to load data from SAP R/3 system to SQL server.
* Business Object Universe, Business Objects Reports and Business Objects repository are extensively used, and new universe were designed and developed to support the user requirements.
* Involved in full life cycle of Business Objects reporting Application.
* WEBI Reports created and deployed through Info View, Auditor reports and tracked user access of reports and Universes.
* Involved in designing, developing and deploying using Universe Designer, Web Intelligence, Desktop Intelligence, Info View and CMC. Configured BO and SAP BI integration.
* Checked the Universes for Integrity and exported to the Repository to make resources available to the users and groups and Created Adhoc Reports, Standard Reports, Cross-tab Reports, Sub Reports and Drill down Reports by accessing the Universe.
* Used Crystal Reports and Xcelsius, for advanced data analysis and dashboard reporting.
* Provided technical assistance in identifying reports to meet user requirements.
* Performed defect resolution in Unit Test (UT), System Test (ST), Integration testing and User Acceptance Test (UAT).

Med Quist, Atlanta, GA Sr. SAP BODS / BOBJ Consultant May ‘09 – May ‘10

Implementation and Support Project

* Facilitated requirement gathering sessions by interviewing business owners / users and prepared User requirement specification, Functional specifications as part of the Business Analytics Team.
* Created Queries, Workbooks, and Dashboards using BEx Designer and Analyzer for reporting purposes.
* Responsible for upgradation from 3.5 to 7.0.
* Created reports in DESKI and WEBI of Business Objects XIR2, Query as web service using the data from the universe, Xcelsius Dashboards for Analysis and worked on performance issues.
* Drafted complex queries/formulas and created Calculated Key figures, Restricted Key figures in BW Query Designer to generate required Reports.
* Developed, updated and maintained SAP BI reports, BI Financial reports for COPA and end-user training manuals specific to the financial planning.
* Created universes, classes and objects by retrieving the data from SAP data sources and defining the necessary connections, Created training, data modeling and technical documentation for the business users.
* Performed UAT and System Testing prior to go-live.
* Provided intensive production support functionality for financial planning / reporting users after the implementation.
* Trained the users in using BI reporting tool for maximum efficiency.

Deutz, Atlanta, GA Sr. SAP BODS / BOBJ Consultant Feb ‘08 - Apr ’09

Implementation and Support Project

* Gathered and prepared User requirements specification, Functional specifications.
* Created Design specifications and Configuration control documents based on User specifications.
* Installed and activated Business content for Sales/MM/Purchasing.
* Performed migration process of BW 3.5 to BI 7.0
* Worked on BW Data Modeling- Design of Info objects, ODS, Info Cubes, Queries, Info set, Multi-providers and custom Update and transfer rules.
* Created flat file data sources, Performed extracting, Transforming & loading of flat files to BI.
* Enhanced Business content data sources and also created custom data source, performed CMOD enhancement to fulfill user requirements.
* Worked extensively to enhance business content Data sources and create custom data source.
* Created Queries, Workbooks, and Dashboards using BEx Designer and Analyzer for reporting purposes.
* Wrote complex queries/formulas and created Calculated Key figures, Restricted Key figures, Custom Reporting Formula/Text Variables in BW Query Designer to generate required Reports.
* Involved in creating Security/Authorization for BI reporting.
* Created Dashboards using Xcelsius and web intelligence.
* Worked with test group and business users to perform unit, Integration, user acceptance testing.
* Involved in training end-users and BI support team.

Morrison Homes, Atlanta, GA Sr. Software Engineer Mar’07 – Jan‘08 Implementation and Support Project

* Created Comprehensive & scalable Technical Design after gathering detailed requirements and break down design specification into specific tasks.
* Worked on BW Data Modeling- Design of Info objects, ODS, Info Cubes, Queries.
* Performed extracting, Transforming & loading flat files in BW ODS
* Created BW – external Database connectivity to extract data into BW.
* Created Reports & Workbooks from ODS.
* Wrote complex queries/formulas and created Calculated Key figures, Restricted Key figures in BW Query Designer to generate required Plan/ Actual Data Reports.
* Performed unit testing, user acceptance Testing
* Created dashboards using Xcelsius connecting Xcelsius directly with SAP Bex Query
* Involved Support Activities for Daily Load monitoring, daily process flow consistency, recover failed data loads.
* Daily process chain monitoring, missing master data loads, PSA edits and daily BW stats checks
* Creating tickets as required and assigning tickets to team members.

Pleasant Holidays, US Sr. Software Engineer Mar ‘06 – Feb ‘07

Implementation Project

* Designed the Perl manager gateway (Perl Fast CGI) accepts the soap / http request from the client communication layer and in the specified port and places the request in the specified port on a queue for the AIM port manager does some functionality with the help of the Aim servers and sends back the soap/http response through the Perl FCGI module to communication layer.
* Performed form validations using JavaScript.
* Prepared Use cases, Sequence diagrams, Class Diagrams as part of design.
* Responsible for user interface design and business logic implementation of financial application and trading system using J2EE technology.
* Created component that used Oracle PL/SQL stored procedures (ADO) to extract data from a flat file database and reconcile amounts before being converted to an XML format and FTP to a mainframe database.
* Responsible for coordinating the business team and the technical team and proving the feasible technical solutions for the business requirements.

US Technology, Trivandrum Sr. Software Engineer Mar ‘06 – Feb ‘07

* Designed and developed Internal automated Tool to aid the US Technology resources.
* Involved in converting PHP to JAVA
* Designed the screens to help the users to register and cancel their transportation and change the boarding point according to their requirements.
* Developed Custom reports using JSP.
* Responsible For the Development of Timesheet and Expenses Module and Helpdesk Modules.
* Designed and Developed GUI components using CSS, JavaScript, HTML, JSP and Struts taglibs.
* Used Struts MVC2 architecture to develop the application.
* Designed and Developed GUI components using CSS, JavaScript, HTML, JSP and Struts taglibs.
* Implemented Struts framework Action classes for page navigation and developed Form Beans for transferring data between Action class and the View Layer.
* Configured the flow control in struts in Struts-config.xml.

Cisco, Bangalore Sr. Software Engineer Mar ‘04 – Feb ‘06

* Object design for a database-backed Web site (using Java servlets and JSPs) for storing information about WIND members, searching for members with given attributes, and tracking a member's status from joining the organization through finding a job.
* Developed UML class and sequence diagrams, based on use cases, to clarify the dependencies among classes in the object design.
* Refactored and improved a Perl script to parse Informix Perform Screen scripts and translate them into an XML-based database-independent form description language. The revised script could translate hundreds of files from one language to the other without requiring any manual post-processing, so that our customers would no longer depend on Informix, and so that current users could migrate their customized forms to the new system.
* Wrote a tool, using XSL and the Java [DOM](http://www.w3.org/DOM/), to read XML files describing a process and represent the same information as javadoc-style HTML and as [SVG](http://www.w3.org/Graphics/SVG/) diagrams. Wrote complete javadoc and UML class diagrams for the tool. The tool made the process files effectively self-documenting, and provided hooks so that future developers could define additional ways to represent the information.

Technology Gateway, Chennai Jun ‘01- Aug ‘03

* Advised on developing and Patenting on newer technologies to Ministry of Information Technology, India.
* Handled Short term courses for networking students of Anna University.
* Worked with His Excellency Bharat Ratna Dr. A.P.J Abdul Kalam.

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