**Kalpana Veeragandham**

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**PROFESSIONAL SUMMARY:**

Enthusiastic and highly skilled individual with 7+ years of experience in the field of data warehousing, specialized in **Quality Assurance and Analysis.**

* Expertise in developing the test suites for the Data Warehousing and Business Intelligent applications.
* Experienced and good track record of testing the ETL, Data, Reporting, and End to End testing.
* Experienced **in gathering the requirements and convert them in to test scenarios, test cases and test plans to cover the testing of the system.**
* **Well organized test suites for the Business Intelligence Solutions and ETL** Business Requirements and developing test suites and test methodologies.
* Expertise in development of the three layers (**Physical layer, Business Model and Mapping Layer & Presentation layer**) of an OBI Metadata repository using BI administration tool.
* Expertise in Creating, Modifying and **administering Dashboards Using OBIEE**.
* 6 Years of diverse experience in Software Testing and Quality Assurance on **DW/BI, ETL (Informatica) and Database testing.**
* Efficient in implementing **QA Process, established standards, procedures**, and **methodologies**.
* Strong Knowledge on the phases of **Software Development Life Cycle (SDLC), Waterfall methodology, Agile (Agile Process: Sprint Planning Scrums).**
* Identify the Test Requirements based on Requirements and Program Specifications.
* Experienced in preparing **Test Plans, Test Scripts, Test Cases and Test Data**.  
  Ability to identify tasks which require automation and automate test cases
* Expert in **Data Conversion, Batch, integration, regression, functional & UAT tests**.
* Experience in the areas of **GUI, Functional, Integration, System, Front-end, Regression** & Web Services testing for Client Server and web applications.
* Proactively studied various kinds of **testing concepts and templates** from various sources and effectively implemented them across the organization.
* Proficient in **black box, white, Smoke and negative testing**.
* Experienced in distributed testing, **multi-user testing and database testing**.
* Experience in Data Analysis and dimensional data modeling, Star Schema Modeling, Snow flake Modeling, identification of Fact and dimension tables.
* **Documenting** and analyzing software business requirements.
* Self-starter with strong work **ethics**, good time **management skills**, establish and maintain productive working relationship with management, **Clients** and team members.
* Committed team player with multitasking capabilities, **Excellent interpersonal** and **human relation** skills. **Strong communication skills** both verbal and written, with an ability to express complex business concepts in technical terms and ability to learn and adapt to **new technologies.**

**Technical Expertise:**

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| **Testing Tools** | Quality Center, TestDirector, QTP |
| **BI/OLAP** | SSRS, Siebel Analytics 7.X,OBIEE |
| **DW/ETL Tools** | Informatica Power Center |
| **Data Modeling** | Star-Schema Modeling, Snow Flake Modeling , FACT & Dimension |
| **Database** | Oracle 11g/10g, MS SQL Server and MS Access |
| **Monitoring Tools** | SQL Developer, TOAD and MS SQL Server Management |
| **Languages** | HTML, Java Scripts, XML, XLST,C, C++ |
| **Operating Systems** | Unix, Linux, Windows 2003, Win 7, 8 and XP Prof. |

**Education:** **Master of Computer Applications (MCA),** from Andhra University, INDIA.

**Professional Experience:**

**Delta Dental, SFO, CA Jan 2014 – Till Date**

**Sr. DW/BI QA/Test lead**

**Responsibilities:**

* Gathered Business requirements by interacting with the Business Analysts and the business users.
* Designed test suite for the **Oracle BIEE Repository** at 3 layers i.e., Physical Layer (connecting Data sources & import schema), Business Model / data mapping (create Logical tables & data source mapping) and Presentation Layer as per the Universes in Business Objects and followed best practices.
* Created dimension hierarchies, aggregates, and logical sources in the BMM layer as per the Universes in Business Objects.
* Involved and experienced in all stages of the **Software Development Life Cycle (SDLC)** beginning from requirement specification to deployment and support.
* Mapping the Requirements to appropriate **Test Cases and development of Test Cases, Test Procedures and Test Data in Test Director/Quality Center.**
* Coordinate and training to **offshore team** on multiple projects.
* Coordinate with the development team to resolve issues affecting **Performance test Developed performance setup for both Web and BI applications**
* Progress, and Performance **scripts execution, reporting and investigating of test issues**.
* Performed Manual and Automation testing on **Siebel CRM, SAM, OBIEE, BO, Crystal Reports** and Oracle (DW and DM based technical **specifications, SDD and DDD**).
* Designed and executed **ETL (Informatica) test cases for Incremental, Full Load data testing** purpose.
* Extensively performed Database and **ETL testing to check the source and target data** and business rules.
* Did extensive back end testing using **PL/SQL Developer** and end to end testing between source applications to DW database and reporting.
* Replicated the **Reports, Dashboard, and Functionality in Business Objects to OBIEE** (nearly 150 reports).
* Created **Mock Up Reports for the new business requirements and well tested**.
* Performed Data Validation of data in the reports.
* Used/Suggested **Views, Indexes**, and **Aggregated Tables** to improve performance of reports/dashboards and developed test scenarios to validate.
* Extensively used **SQL Tuning** and **Indexes** to improve performance.
* Used Toad to debug the SQL query to identify duplicate rows in the warehouse tables, and to debug SQL query issued during report execution.
* Performed Unit Testing by comparing the data in OBIEE and Business Objects.
* Provided to **Training** to the business users on OBIEE Answers and Dashboards and educating technical super users and administrators on repository and web catalog migrations procedures with OBIEE best practices. **Documented** the conversion process from Business Objects to OBIEE for future reference.

**Environment:** OBIEE, BI Publisher, Quality Center, PL/SQL Developer, Siebel and SalesForce.com, Business Objects XI Release 2, Business Objects 6.5, Oracle 10g/11g, TOAD, Win 7.

**VMware Inc., Palo Alto, CA Aug 2012 – Dec 2013**

**DW/BI Quality Analyst**

**Responsibilities:**

* Worked closely with the business users and developers to make sure that business requirements are correctly translated into database schemas and ultimately into the application.
* Interacted with end users and developers to validate the data model.
* Performed **Upgrade testing activities** from different versions of OBIEE.
* Requirement **validation of the reports and drilldowns with business users**.
* Performed **upgrade related activities** from Siebel Analytics to OBIEE.
  + Responsible for **creating users and maintaining visibility privileges** using Analytics administration on the repository side.
  + Mapping the Requirements to appropriate **Test Cases and development of Test Cases, Test Procedures and Test Data in Test Director/Quality Center.**
  + Performed Data Validations as well as **End to End testing** to make data flow is correctly happening.
  + Expert in cache **management, Repository migration, data level and object level security in OBIEE**
  + Generated Reports and **Dashboards by using Report features like Pivot tables**, charts and view selector.
  + Created dashboards with **global prompts, column selectors, navigation**, and automatic drill-down.
  + Created **Sales Scorecard, Weekly Sales Summary and Daily Sales Summary reports**.
* Designed and executed **ETL (Informatica) test cases for Incremental, Full Load data testing** purpose.
* Extensively performed Database and **ETL testing to check the source and target data** and business rules.
  + Did extensive back end testing using **PL/SQL Developer and end to end testing** between source applications to DW database and reporting.
  + Worked with **Cache Manager and tested on to improve performance**.
  + Created Templates, Reports, Prompts in BI Publisher.
  + Created Sales Dashboards for different positions & Hierarchy in different Business Units.
  + Extensively worked on data validation of the data in the reports and dashboards.
  + Involved in migration from **Development to QA to Stage to Production** environment.
  + Prepared **design and test documentation**.
  + Performed **regression and integration test scenarios** for all components in OBIEE.
  + Provided training to the End user’s on OBIEE Answers, Dashboard and Admin Tool using OBIEE best Practices.
  + Documented **project details and Test cases for future reference**.

**Environment:** OBIEE, BI Publisher, Oracle 10g/11g, TOAD, PL/SQL Developer, Quality Center, Informatica, Siebel CRM, UNIX, Windows 2003, Win 7 and XP.

**Juniper Networks, Sunnyvale, CA Aug 2011 – July 2012**

**DW/ETL/BI Quality Analyst**

**Responsibilities:**

* Worked closely with the business users and developers to make sure that business requirements are correctly translated into database schemas and ultimately into the application.
* Interacted with end users and developers to validate the data model.
* Performed **Upgrade testing activities** from different versions of OBIEE.
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**Environment:** OBIEE, BI Publisher, Oracle 10g/11g, TOAD, PL/SQL Developer, Quality Center, Informatica, Siebel CRM, UNIX, Windows 2003, Win 7 and XP.

**InfoTech Enterprises IT Services Pvt. Ltd, Hyderabad. May 2008 – June 2011**

**Test Engineer and Analyst.**

**Client: Royal Bank of CANADA.**

**Project: Biller Nicknames and Preferences**

Serving as a key team member in manual testing of Online banking application and involved in Analysis of Requirements, Project estimates, Master Test Plan preparation, Functional, Regression and Integration testing, Defect reporting, attending client call for discussion on the project status and preparing Sign off document

Roles and Responsibility:

* Requirement analysis and knowledge acquisition on the test coverage of the project.
* Creating requirements in **HP QC, Designing test cases/Business Process Test and mapping the same to requirements.**
* Performed **test lab set up for execution and defect logging in HPQC**.
* Effectively communicated in onsite call in sharing the daily progress and issues faced with the application.
* Mapping the Requirements to appropriate **Test Cases and development of Test Cases, Test Procedures and Test Data in Test Director/Quality Center.**
* Performed Data Validations as well as **End to End testing** to make data flow is correctly happening.
* Prepared **design and test documentation**.
* Performed **regression and integration test scenarios** for all components
* Trained new team members with the knowledge of the project/Application.
* Conducted triage calls for defects and communicated with developers on the defects logged.

**Project: Contact Information Management.**

Roles and Responsibility:

* Requirement analysis and knowledge acquisition on the test coverage of the project.
* Effectively involved **in preparing estimation and test coverage report for the project**.
* Creating requirements in **HPQC, Designing test cases/Business Process Test and mapping the same to requirements.**
* Being a key resource of the project, assigned task to the team members and trained them on the application testing.
* Effectively communicated in onsite call in sharing the daily progress and issues faced with the application.
* Mapping the Requirements to appropriate **Test Cases and development of Test Cases, Test Procedures and Test Data in Test Director/Quality Center.**
* Performed Data Validations as well as **End to End testing** to make data flow is correctly happening.
* Prepared **design and test documentation**.
* Performed peer review for **Test case design/Execution by the team members**.
* Maintained all the **trackers and reports for future reference of the project**.
* Prepared sign off document on the completion of Functional testing and published to the business for approval.

**Environment:** Quality Center, Oracle 10g, SQL, TOAD, Java, J2EE, QTP, Informatica, SAP, UNIX, Win XP Professionals.