



GANESH JEGANNATHAN



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### Professional Summary

- ❖ **5 years and 6 months of rich experience** in the field of Data warehousing comprised of designing, developing and Supporting Business Objects Reporting and Informatica ETL Application, Expertise in Oracle SQL and PL/SQL
- ❖ Experience in handling all the modules of **Business Objects XI R2 / R3** (Designer, Desktop Intelligence, Web intelligence and Import Wizard, Crystal Reports Xi-R2, 2008), **Informatica 8.1.1** (Repository Manager, Designer, Workflow)
- ❖ Expertise in **Administration of BO - XIR2**, User/User Group creation defining the user rights and monitoring servers
- ❖ Scheduling Reports in Infoview, ETL mappings and Workflow in Informatica and ETL routines through **SSIS**
- ❖ Working exposure in **Teradata V2R5 & 12** (BTEQ, Fast Load, Multi Load, Fast Export and TPUMP Scripts)
- ❖ Worked Extensively in **24/7**, providing support on Business Objects(Universe, Reports and Scheduling)
- ❖ Involved in the creation of mappings/sessions/workflows in Informatica at development phase of Project SABA(ODS) and GFS
- ❖ Involved in the development of enhancements in the project's Support phase –SABA (ODS) and GFS.
- ❖ Good Knowledge on Process Management, Certified **ITIL V3 foundation Professional**
- ❖ Good Exposure to **Agile** Methodology & a **CERTIFIED SCRUM MASTER**
- ❖ Good Exposure to **Six-Sigma** Process improvement Technique and **GREEN BELT** Certified
- ❖ **Informatica Certified** Developer for Power Center Mapping Design 8.x and Advanced mapping Designer
- ❖ **Informatica Certified** Developer for PowerCenter 8.x Architecture and Administration
- ❖ **BrainBench Certified** in RDBMS Concepts, ANSI – SQL, Oracle PL/SQL Fundamentals, Data Modeling Concepts
- ❖ **BrainBench Certified** in Crystal Reports XI-R2, MS-SQL Server 2008 Administration, UNIX – AIX System Administration
- ❖ **Expert Rating Certified** in Data Warehousing Concepts, Data Modeling, Oracle 9i SQL



### Corporate Summary

Company	Designation	From	To
MphasiS an HP Company	Delivery Module Lead	Jan 2010	Till Date
MphasiS an HP company through Optimal Solutions	Senior Software Engineer	Sept 2009	Dec 2009
Aroha Technologies	Software engineer	July'06	Aug'09
iCREATE Software, Bangalore through Aroha Technologies	ETL/BI Developer	Dec'08	July'09
Bearing Point, Bangalore through Aroha Technologies	ETL/BI Developer	Jul'08	Nov'08

### Technical Skills

Operating systems	ETL Tool	OLAP Reporting tools	Modeling	Database
Windows 2003, Windows Xp	Informatica 8.x Informatica 7.1	Business Objects 6.5 & XIR2 / R3 Supervisor, Designer, Desktop intelligence, Web Intelligence	ERWIN	Teradata V2R5 & 12- BTEQ, Fast Load, Multi Load, Fast Export and TPUMP Scripts
LINUX (Fedora 12)	DataStage 7.5 (SerJobs)	Crystal Reports XIR2, 2008		SQL server 2005, 2008
	Microsoft – SSIS 2005	Cognos 8 Framework manager and Report designer (Report/Query studio)		Oracle 8i,9i, 10g
		Micro strategy 8, SSRS, SSAS		My-SQL, MS-ACCESS

### Academics

Qualification	College / School	Institute / Board	Year	%
B.E Mechanical Engineering	Kongu Engineering college, Tamil Nadu	Anna University / Tamil Nadu	2006	71 %
STD XII	Holy Cross Mat Higher Sec School	Tamil Nadu State Board	2002	72 %
STD X	Holy Cross Mat Higher Sec School	Tamil Nadu/Metric	2000	71 %

## Projects:

1.	<b>Project Name</b>	:	<b>AMD – Baseline Clarity Implementation</b>
	<b>Client</b>	:	<b>AMD</b>
	<b>Duration</b>	:	<b>Sept 09 – Till date</b>
	<b>Environment</b>	:	<b>Windows Xp</b>
	<b>Database</b>	:	<b>SQL Server 2005</b>
	<b>BI / OLAP</b>	:	<b>BOXi-R2 / Crystal report Xi R2</b>
	<b>Application</b>	:	<b>Clarity 12</b>
	<b>Role</b>	:	<b>BI Universe Designer / Report Developer</b>

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The Clarity PPM from CA (Computer Associates), an Project and Portfolio Management (PPM) processes tool enable an organization to improve investment decision making, enhance productivity and efficiency, and quickly adapt to dynamic business conditions. CA Clarity PPM is a functionally rich and comprehensive PPM solution that provides the control and flexibility necessary to improve investment decision-making and subsequently, strengthen your organization's ability to deliver on those commitments. AMD want to generate its customized report for their requirements and integrate with clarity application. Business objects 11i R2 is being integrated with the latest version of clarity application (clarity 12). There is lot of customization done on Clarity application to store the dates in the database based on the client's requirement. The business requires lot of reports to be developed in business objects and the end users requires these reports for lot of decision making process. There are many universes exists in the server but the reports to be developed cannot be driven from the universe directly and lot of customization are done in the universe and the reports are created, some times the reports are directly driven from SQL queries without accessing the universes. The reports are published to the business objects testing server and all the reports are tested based on test plan and the reports are migrated from testing server to production server. Then these reports are integrated with the clarity application so that the business can run the report from the application

## Responsibilities:

- Installation and configuration of Reporting servers
- Analysis user requirements based on the functional specification documents.
- Design/Developing/customising the Universe and reports based on the reports design documents
- Create the tabular, Graph and Chart reports and implement the hyperlink for appropriate reports
- Expert in writing new Procedures to meet the complex business rule.
- Expert in writing and tuning the complex SQL script in oracle sql\*plus and creating the
- Materialized view for Slow Running Queries.
- Implementing user level and data level securities in universe and reports level
- Trouble shooting with user on net meeting.
- Used filters, ranks, alerts and breaks in various reports.
- Created user defined objects in reports.
- Extensively used Calculations, Sorting, Rank, Drilldown, Drill through, Slice and Dice
- Creating new Connections and editing existing to run the report in different database test, development
- Directly coordinating with user to gather the new requirements and working with Existing issues
- Prepare the report unit test case, Code review and design documents based on the existing reports.

2.	<b>Project Name</b>	:	<b>Operational Data Store</b>
	<b>Client</b>	:	<b>South Africa, Bank of Athens (SABA) (iCreate Bangalore)</b>
	<b>Duration</b>	:	<b>Jan 09 – Jul 09</b>
	<b>Environment</b>	:	<b>Windows Xp</b>
	<b>Database</b>	:	<b>Oracle 10G</b>
	<b>BI / OLAP</b>	:	<b>BOXi-R2</b>
	<b>ETL</b>	:	<b>Informatica 8.1</b>
	<b>Role</b>	:	<b>BI Universe Designer / Report Developer / ETL Developer</b>

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Icreate designed a product which will load data from core banking systems to ODS and then to Data Marts, Ahead of this Business Intelligence tools are used to generate different styles of reports using the data in Data Marts. This project is mainly for migrating the Bank of Athens data from ODS to Datamart.

A new Datamart is designed by adding some enhancements to existing Datamart. Going forward old datamart will be suspend and will use the New. Need to take data from ODS and load to the datamart and some missing data from old datamart. For this, Need to create new mappings and packages to load dimension and fact tables. All the dimensions are of Type1. Will run the packages to load Dimension and Fact Tables on the end of every week/month/Quarter.

**Responsibilities:**

- Involved in Data Extraction, Transformation and Loading.
- Developed mappings for Loading Dimension and Fact tables
- Developed test cases, Unit Testing, Bug Fixing and generating reports in BOXI-R2
- Prepare the report unit test case, Code review and design documents based on the existing reports.
- Used filters, ranks, alerts and breaks in various reports.
- Created user defined objects in reports.

3.	<b>Project</b>	:	<b>Global Financial Data warehouse System</b>
	<b>Project Type</b>	:	<b>Data Conversion</b>
	<b>Module</b>	:	<b>Customer Analysis</b>
	<b>Client</b>	:	<b>(Deltek, USA) - Bearing Point, Bangalore</b>
	<b>Duration</b>	:	<b>Jun 08 – Jan 09</b>
	<b>Environment</b>	:	<b>Windows Xp</b>
	<b>Database</b>	:	<b>Oracle 10G</b>
	<b>BI / OLAP</b>	:	<b>BOXi-R2 / Crystal report Xi R2</b>
	<b>ETL</b>	:	<b>Informatica 8.1</b>
	<b>Role</b>	:	<b>BI Universe Designer / Report Developer / ETL Developer</b>
	<b>Team Size</b>	:	<b>12</b>

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This is an ETL and BI based project through which we integrate multiple sources of customer which exists in different formats to one CUSTOMER subject area in the Data warehouse. As in the normal business process, engagement team will enter relevant customer information into the source systems. During the conversion cycle the customer data will be extracted from all the source system, merged and translated using the informatica power center tool as per the functional specification received, and loaded into conversion environment. Once the data is validated in conversion environment, then it gets loaded to the actual DW.

Testing the transformations focus on the following key phases

- Phase 1: Testing of extraction process to validate that the required information is extracted from all source system
- Phase 2: Testing of the transformation process to validate that the proper data transformation occurs.
- Phase 3: Testing of the load process to validate that all data is loaded into the target tables and any errors are written to the error file appropriately.
- Phase 4: Testing the number of customer to validate the appropriate count is loaded into the target tables.

After the achievement of 0% data lose in the targets of conversion environment then the client's target is loaded. As per the requirement the various reports like geo-geographic view of customers, customer trend analysis etc., are created through desktop intelligence by taking client's target as the source system and converted to web intelligence report and shared the reports for the concern.

Responsibilities:

ETL – Developer, REPORT - Developer

Understanding the requirement

Development through INFORMATICA 7.1 and Testing and deploying through BOXi-R2

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<b>4.</b>	<b>Project (POC)</b>	<b>:</b>	<b>Supplier / Customer Order Management</b>
	<b>Duration</b>	<b>:</b>	<b>Dec 07 – Apr 08</b>
	<b>Environment</b>	<b>:</b>	<b>Windows Xp</b>
	<b>Database</b>	<b>:</b>	<b>Oracle 10G</b>
	<b>BI / OLAP</b>	<b>:</b>	<b>BOXi-R2</b>
	<b>ETL</b>	<b>:</b>	<b>Informatica 8.1</b>
	<b>Role</b>	<b>:</b>	<b>BI Universe Designer / Report Developer / ETL Developer</b>

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This data mart is designed to analyze / monitor customer orders and supplier orders. This data mart holds two different star schemas, connected with various confirmed dimensions. This system is designed to track the changes of customer and supplier info. Extracted the source data from two different OLTP systems. Handled both incremental extract and full extract. Developed mappings to populate the tables in the data mart. Handled error records population in the staging database. Developed unit test cases for every mapping developed by including applicable business rules.

Created the universe in BOXI environment and developed reports using the Desktop Intelligence and Webi. Developed reports which uses the cascaded prompts, alerting, group values to derive the business view with out changing the database etc. I am able to analyze the issues in the SQL's which generates by Business Objects.

Comfortable in writing test cases to make sure the data in the report and database matches based on the reporting requirement.

Responsibilities:

Understanding the requirement

Develop mappings and writing test cases

Report development

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<b>5.</b>	<b>Project (POC)</b>	<b>:</b>	<b>Production data model</b>
	<b>Duration</b>	<b>:</b>	<b>May 07 –Nov 07</b>
	<b>Environment</b>	<b>:</b>	<b>Windows Xp</b>
	<b>Database</b>	<b>:</b>	<b>Oracle 10G</b>
	<b>BI / OLAP</b>	<b>:</b>	<b>BOXi-R2</b>
	<b>Role</b>	<b>:</b>	<b>BI Universe Designer / Report Developer</b>

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This data model holds the detail's of production unit which function's as per the customer's requirement and producing varieties of products by procuring the required raw materials from different suppliers which include the customer details, supplier management in OLTP system, production details, rejection details, sales details etc.

The reports were generated using Business Objects. Created static reports for Customer order values based on City, Customer, Product, Customer order details, Inventory based on supplier, inventory based on Raw material. Developed some n number of reports, some are master detail report, tabular report with the graph, some with charts etc. Developed unit tests cases and executes the tests. We did the reconciliation tests as part of the unit tests cases to make sure we have all the data in the data mart.

**Role and responsibilities:**

Understanding the requirement  
Universe designer and report developer

**Areas of Interest:**

Possess great interest and significant knowledge in the following specific functional areas in IT market

- Oracle querying sql/plsql
- Creating mappings in informatica
- Playing with BO – reports

<b>6. Project (POC)</b>	<b>:</b>	<b>Sales Analysis Data Mart</b>
<b>Duration</b>	<b>:</b>	<b>Sep 06 – Apr 07</b>
<b>Environment</b>	<b>:</b>	<b>Windows Xp</b>
<b>Database</b>	<b>:</b>	<b>Oracle 10G</b>
<b>BI / OLAP</b>	<b>:</b>	<b>BOXi-R2</b>
<b>ETL</b>	<b>:</b>	<b>Informatica 8.1</b>
<b>Role</b>	<b>:</b>	<b>BI Universe Designer / Report Developer / ETL Developer</b>

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The data model of Sales Analysis Data mart is based on a star schema model. Some of the dimensions are populated using TYPE1 and some are populated using TYPE2 which are primarily dictated by the business. Extracted data from various data sources which are flat files and RDBMS. Developed mappings to populate the DW model. Did the unit testing for each of the mapping created.

The reports were generated using Business Objects. Developed universe for the project and created static reports for product analysis, Geographical wise analysis and Time based analysis. Developed around 7 reports, some are master detail report, some cross tab, tabular report with the graph, some reports based on the prompts etc. Used alerting mechanism to show the negative growth for a product based on the time.

**Responsibilities:**

Understanding the requirement  
Developing mappings writing test cases  
Universe designer and report developer

**Personal Details:**

Name in passport	:	Ganesh J
Father's Name	:	Jegannathan T
Date of Birth	:	16-10-1984
Educational Qualification	:	B.E. Mechanical Engineering (2006 passed out)
Permanent Address	:	13A, Syed Khadar Street Arisipalayam Salem – 636 009 Tamil Nadu Ph: +91 – 427 – 2352856
Passport Number	:	F8366794
Place of Issue	:	Chennai
Date of Issue	:	27-06-2006
Date of Expiry	:	26-06-2016