

## Trainer Profile – Ramanathan

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### Profile

- Having 15 years experienced expert in combining traditional IT training methods with cutting-edge technologies like
  - Teradata V13/V14
  - Informatica 9.0
  - Datastage 8.0
  - Business Objects X3/4.0
  - Crystal Reports XI
  - Oracle
  - Datawarehouse concepts and Data modeling
- Have conducted Professional IT and Business user IT trainings for various clients in India and overseas
- 15+ years of experience in Programming, System Analysis and Design. Currently Working as Technical Lead In INDIA, for Business Intelligence and Solutions (BI/DSS, Data Warehousing and Reporting).
- Seeking challenging jobs in Data Modeling using TERADATA ,Reports Analysis/ Developing/BI using, Business Objects 6.5 – XI , Crystal Reports,
- Dashboard , Performance manager, SQLServer Reporting Services, and Data Integration (ETL) using Informatica 6.x - 8.x
- Have extensive knowledge in Business Objects 5.1-BOXI R2, Supervisor, CMS,Universe Design, Desktop Intelligence, Designer, Broadcast Agent (BCA) with Webintelligence (WebI).Individually can create Universes and developed Analysis report using BO and configure reports in web using webintelligence. Creation of Dashboards for Web Reporting
- Have Strong knowledge in developing crystal reports developing with versions from 7.0, 8.0, 8.5, and 9.0 using the databases Teradata, Oracle, SQLServer, and DB2. Integration of reports with IIS Server 6.0 for Internet and intranet applications. Configuration of Crystal Report Application Server 9.2.
- Have strong knowledge in designing of reports using SQL Server reporting services, processes OLAP cubes and Deployment of reports in IIS 6.0 server using .net framework. Have knowledge in building DTS package and fire up the DTS package remotely using IIS server and ASP.
- Knowledge in Informatica Powercenter/Powermart 6.1-8.1 with strong knowledge in Designer, Workflow manager, Repository manager. Configuration of Informatica Repository server, Informatica Server. Handled multiple sources and targets. Translation of Warehouse business requirements into Informatica mappings/workflows. Migrating of development mappings to production environment.

- Having Strong logical and physical Star, Snowflake and Normalized RDBMS Data modeling skills using Erwin.
- Design & Development experience in Web Applications for Internet and Intranet using ASP, Visual Basic 6.0, ASP .Net, BARCODE Automation, and Database Design using SQL Server 2000, Oracle 8i.

## Educational Qualifications

- **Bachelor of Engineering**  
Electronics & Communication Engineering  
College of Engineering, Guindy  
Anna University, Chennai, India

## Skillset

### Servers handled:

Windows 2000, IIS 6.0, Weblogic 8.1, MTS 3.0, COM+ and Crystal Report Application Server 9.2.

### ETL Tools:

Informatica 6.1-8.1  
DataStage 7.5  
Oracle Data Integrator, Sunopsis 3.2  
DTS - SQL Server 2000

### OLAP Reports:

Business Objects 6.5-XI  
Crystal Reports 8.0-XI  
SQL Server Reporting Services  
Cognos 8 BI

### Data Modeling Tools:

Erwin

### RDBMS:

ORACLE 8i /9i /10g  
Teradata V2R5,  
SQL Server 2000,  
DB2

### Programming Languages & Web Technologies:

**Visual Basic 6.0**

**COM, ASP.Net**

**VB.Net**

**VB Script**

**Scheduling tools**

**Tidal**

**Control-M**

<b>Eaglecrk USA</b> <b>Apr 2009 - Dec 2009</b>	ODI, Oracle ,Teradata,Fastload, Multiload	Teach lead Responsible Data modeling , Architecture design, Delivery and Environment setup
<b>JKR Brunei Darussalam</b> <b>Dec 2008 - Apr 2009</b>	Business Objects XI Webintelligence Dashboard Performance manager	Teach lead Responsible for installing and creation of the Reports ,Dashboard for the Ministry of Development
<b>Infosys India</b> <b>Data Migration</b> <b>(Apple Computers)</b>  <b>Apr 2007 - Oct 2007</b>	Informatica 8.1, Teradata V2R5, Oracle	Team lead Responsibe for Migrating data from Oracle to Teradata using Teradata Utilities like Fastload,Multiload,Fastexport, Tpump,
<b>Hewlett-Packard Singapore</b> <b>GHRMS Reports</b>  <b>Mar 2006 - Apr 2007</b>	Business Objects 6.5 Oracle , Windows 2005	Team lead Responsible for Setup BO Server and Repository using Oracle. Design and developed Universes and Reports
Hewlett-Packard Singapore Employee Information Systems(EIS)  <b>Mar 2006 - Apr 2007</b>	Datastage 7.0,Oracle 10g, TIDAL Scheduling, UNIX, Windows 2003	Team lead Developed ETL Scripts using Datastage Designer. Created the Job To run in TIDAL Scheduling environment.
OCBC BANK Singapore Basel II Project  <b>Apr 2005 - May 2006</b>	Teradata V2R5. Teradata Profiler 4.0, Sunopsis 3.2 ,UNIX	Team lead Responsible for Extraction and Loading Data in Staging area and Data Quality issues
Nokia Singapore  <b>Dec 2004 - Mar 2005</b>	Informatica 6.1, Business Objects 6.5, webi,SQL Server 2000	Installation of informatica,Design mappings and workflows, Universe Design, Report Development
TDSS Asia Pacific Breweries Intranet web Portal (Singapore) <b>Jun-2004 - Dec 2004</b>	BusinessObjects6.0, Web Intelligence, Oracle 8i.	User creation using supervisor Universe Design, Report Development Publish into webi.
Hyro Thailand  <b>Jun-2004 - Dec 2004</b>	Business Objects 5.1, Web Intelligence, Oracle 8i.	Design of reports, and deployment into the IIS server.
AIA (Questionnaires) – Internet. Singapore  <b>Jan-2004 - Jun 2004</b>	ASP,SQL Server 2000 Crystal reports 8.5,Toad for SQL Server	Analysis and System design, Database design and coding, Reports
Bumiputra Bank (Malaysia) (E-Point) – Internet  <b>Jul-2003 - Dec 2003</b>	ASP,VB Script, DB2 UDB, Crystal Reports 9.0	Report Design and Asp Coding

SembCorp Logistics (E-Pro) – Intranet <b>Jun 2003 – Jul 2003</b>	ASP.net, Crystal Reports 8.5 SQL Server 2000,	Involved in ASP.net coding Design of Reports, UAT
Project Management Information Systems (Promise) BRUNEI Darussalam <b>Jul 2002- Jun 2003</b>	ASP, Visual Basic 6.0, Oracle 8i, TOAD Crystal Report 8.5	System design ,Web Programming, Business- tire development, Database design,Testing,UAT
Treasury Management Systems (TEFS) - Intranet BRUNEI Darussalam <b>Jul 2002- Jun 2003</b>	ASP, Visual Basic 6.0, Oracle 8i, TOAD Crystal Report 8.5	System design ,Web Programming, Business- tire development, Database design,Testing,UAT
Vehicle Violation Monitor <b>Jan 2000 - Jun 2002</b>	ASP, VB Scripting and Oracle 8.0	Report design ,Coding
Patient Information System (PIS) <b>Mar 1999 – Dec 2000</b>	Visual Basic 6,Oracle 8.0,crystal reports, Win NT.	ASP Coding, Report design, VB Scripting Testing and HTML Design

## Trainings Delivered for

- Accenture
- Amdocs
- Bank of America
- Capgemini
- HCL
- HP
- IBM
- Infosys
- L&T
- Logica
- Mphasis
- Musigma
- Nomura
- Polaris
- Steria ltd
- Symphony
- Verizon
- Vertusa
- Vestas
- Wipro

## Projects

1.Title : **Casino Information Systems (CIS)**  
 Client : Eaglecrk USA)  
 Environment : Oracle Data Integrator,Oracle,Teradata,Fastload,Multiload  
 Team Size : 7  
 Role : **Team Lead** Architecture design, Data modeling, setup the Server Environment, Repository, Designing the Mapping Templates, Writing the Scripts for Fastload,Multiload,Fastexport

Description :

Involved in setting up the environment and configuration of the ODI with Oracle and created the Utilities scripts. Resolving the database issues. Responsible for staging and cleansing the data. Did the Data profiling for the Data which is staged. Involved In migration of data from flat file to Teradata using utilities.

2.Title : **Executive Enterprise Reporting System(EERS)**  
 Client : Ministry of Development (JKR) Brunei  
 Environment : Business Objects XI, Crystal Reports XI, Xcelsius 2008, Oracle 9i  
 Team Size : 4  
 Role : **Tech Lead**.Team management , Technical design of the Project.Implementation

Description :

Setup the Server Environment, Repository, Designing the Report, Report Templates, Designing Universe, Webintelligence Reports, Dashboard design. Involved in designing the views and materialized views for the reporting.

Created the map based data display for the Brunei for district wise and village wise and integrated the component to webintelligence portal for the Dashboard.Responsible for Advising the technical team for the selection of the tools for the project and Trained the Ministry end users to use the Reporting portal

Responsible for migrating the BIAR file from the development to Production envirnment.

3.Title : **Global Datawarehouse**  
 Client : Infosys India (Apple computers USA)  
 Environment : Teradata V2R5,Informatica 8.1,Oracle 9i

Team Size : 20

Role : **Team Lead** Setup the Server Environment, Repository, Designing the Mapping Templates, Writing the Scripts for Fastload and Multiload, Fastexport and Tump.

Description :

Involved in setting up the environment and configuration of the Informatica with Teradata, Created the Utilities scripts. Resolving the database issues. Responsible for staging and cleansing the data. Did the Data profiling for the Data which is staged.

4. Title : **GHRMS (Global Human Resource Management Systems)**

Client : Hewlett-Packard Singapore

Environment : Business Objects 6.5, Oracle 10g, windows 2000.

Team Size : 5

Role : **Team Lead** Setup the Server Environment, Repository, Designed Universe and Reports. Configuration of WEBINTELLIGENCE portal

Description :

Involved in designing the universe in designer (BO) and developed reports based on business requirements for the corporate reports. Created the BO users in Supervisor. Designed 20 corporate Reports to display the Analysis based on Employee information from Peoplesoft application. All these report is done using Cross-Tab, Master-Details for analysis. All the developed OLAP Reports are deployed using webintelligence and IIS 7.0.

Migration of all the Universes, reports and Repositories to Production Environment from Development.

5. Title : **Employee Performance Management (EPM)**

Client : Hewlett-Packard Singapore

Environment : Datastage 7.0, Oracle, SQL Server 2005, UNIX, windows 2000.

Team Size : 5

Role : **Team Lead** Design, Develop, implement ETL Process, Data Quality issues Environment setup, supporting for Development and Production

Description :

Designed the Data Integration Process using Datastage, Oracle, SQL Server for the Enterprise Data Warehouse (EDW). Create Interfaces to load the oracle, SQL Server and Flat files from UNIX to the EDW using Datastage. Also was responsible to handle all the Data Quality issues like incorrect data

and illegal characters which is part of data. Responsible for Data Profiling on the staging database.

Migration of all the ETL interfaces, Repositories from Development to Production Environment.

6.Title : **Basel II - EDW**

Client : OCBC Bank , Singapore

Environment : Teradata V2R5.Sunopsis 3.2, UNIX, windows 2000.

Team Size : 55

Role : **Team Lead** (Load & Data Quality),Design , Develop ,implement ETL Process, Data Quality issues Environment setup, supporting for SIT and UAT

Description :

Designed the Data Integration Process using Sunopsis and Teradata for the Enterprise Data Warehouse (EDW).Create Interfaces to load the Flat files from UNIX to the Teradata using Teradata utilities like BTEQ,Fastload and Multiload process. Also was responsible to handle all the Data Quality issues like incorrect data and illegal characters which is part of data. Responsible for Data Profiling on the staging database.

Also was responsible for configuring the Sunopsis environment and customization of existing knowledge module. Responsible for Creation of Interfaces, packages and generation of scenarios using Sunopsis.

Migration of all the ETL interfaces, Repositories to both in SIT and UAT Environments.

7.Title : **Mobile Information Systems(MIS)**

Client : Nokia Asia-Pacific Singapore

Environment : Informatica 6.1, Business Objects 6.5,VBA Macro,Webi 6.5,SQL Server 2000, IIS 6.0,Windows 2003,

Team Size : 2

Role : Design ETL Process,Designing of Universe and Reports ,Configuring ,Publishing reports in webi,setup and configuration of repository server environment for both Informatica and Business objects in windows 2000 server.

Description :

Designed the Data Integration Process using informatica workflows and designed the Transformation mappings using Informatica. Applied business rules in the transformations, Worked with different transformations like expression, lookup, stored procedure, joiner and update strategy. Worked with various tasks in workflow manager. Scheduled the workflow to run on daily basis. Designed Transformations to read from 10 different database, Excel and flat file sources from different countries and updated to 30 different targets .Designed workflow such that all the activities such as number of records updated to the database and Status of workflow will be mailed to the relevant persons.

Involved in designing the universe in designer (BO).developed reports based on business requirements of client. In This project most often viewed BO reports are Scheduled to mail using VBA .Also did unit testing of developed Business Objects reports. Created the BO users in Supervisor. Designed 30 Business Reports to display the Analysis based on mobile Model Spare Part, country, month and Week. The reports will give summary of data as well as graphical representation of the statistics. All the summaries are created as views in database and was directly consumed as table in the Business Objects. Most of these report is done using Cross-Tab, Master-Details for analysis .All the developed OLAP Reports are deployed using **Webi** and IIS 6.0.

8.Title : **APB (TDSS) – Intranet**  
 Client : APB ,(Singapore)  
 Environment : Business Objects 6.0,Web Intelligence, Oracle 8i, IIS 6.0  
 Team Size : 2  
 Role : Designing of Universe and Reports, Configuring, Publishing reports in webi. Installation of BO, and configuring repositories.

This is the webi Intranet web Portal was developed for APB Singapore. Involved in designing the universe in designer (BO).developed reports based on business requirements of client. Most often viewed BO reports are Scheduled using BCA .Also did unit testing of developed Business Objects reports. Created the BO users in Supervisor. Depends on the BO user privileges the user login into the webi and look for the reports in webi Inbox. The BO Administrator will publish the reports to the Group. This project contains 20 Reports to display the sales area wise , month wise and Week wise which is most useful to understand the performance of business areas. Most of these report is done using Cross-Tab for analysis. The webi was running in IIS server 5.0 in windows environment.

9. Title : **Sales Reports Systems(SRS)**  
 Client : Hyro Thailand  
 Environment : Business Objects 5.1,,SQL Server 2000, IIS 6.0  
 Team Size : 1  
 Role : Design of Universe, Reports and Deployment in BO Webi server  
 Description :

This is the project designed for a Retail car sales company in Thailand .The using Business Objects and SQL Server Database Involved in Designing of universe and Reports, designed the 15 different types of reports using formulas and Prompts., I Report statistics for Sales by Car models and relevant values transformed to Pictorial representation as Graphs, Charts., created some complex views to optimize the reports speed. Also designed Master-Detail, cross-tab reports for analysis purpose. All the reports was Deployed in web intelligence server using IIS.



10. Title : **AIA (Questionnaires) – Internet**

Client : AIA, (Singapore)

Environment : VS.net, Crystal Reports.net, SQL Server 2000, and IIS 6.0

Team Size : 3

Role : Database design and asp coding, Crystal reports developing

Description :

This is the web project developed for AIA Insurance Singapore. This project contains User module and report module(Admin). In This project a registration form built using Flash and asp. In the login form user has to login and a series of question will be pumped to flash using asp.net when he select the answer it will be updated in SQL server. Also it is having 15 crystal reports exported to excel spread sheet using asp.net. In admin module the user has to select the Questionnaire id, based on the id it will retrieve all the users answers in a Crystal reports-excel spread sheet using asp.net coding.

11 Title : **Bumiputra commerce (E-Point) – Internet**

Client : IBM ,(Malaysia)

Environment : Visual Interdev, Crystal reports9.0 ASP, DB2, and IIS 5.0

Team Size : 11

Role : Report Analysis, design and asp coding

Description :

This is the project (E-Point) developed for Bumiputra commerce bank. In This project the report module contains 25 dynamic reports, was designed and developed using DB2 and Crystal Report 9.0. All the reports are generated using different views and stored procedures. The report mainly includes getting the details of all the transactions in a particular branch. And sales report, retail sales, deal report, asset growth report, decision Report, Achievement of Target report. all the reports can be taken by state wise, district wise, region wise, date wise with many different conditions. all the reports will be accompanied with a suitable charts. The reports are using advanced concepts in Sub reports, formula and parameter that are designed in crystal report itself. . Also integration of all the reports in Internet with crystal report Viewer using asp coding.

12. Title : **SembCorp Logistics (E-Pro) – Intranet**  
 Client : Frontline Solutions,(Singapore Technologies)  
 Environment : Visual Studio, ASP.net, SQL SERVER 2000, and IIS 5.0  
 Team Size : 8  
 Role : Crystal Report design, BARCODE and asp.net coding  
 Description :

This is the project (E-Pro) used developed for sembcorp logistics. In This project the report module contains 18 dynamic reports was designed and developed using SQL Server 2000 and Crystal Report for .net. All the reports are generated using different views and stored procedures created by SQL and involve lot of calculations in the reports. The reports are using formula and parameter that are designed in crystal report itself. Also the files can be exported to the desired file format like PDF, TXT, DOC, HTML, XLS with a given file name at client system. Also integration of all the reports in Intranet with crystal report Viewer using vb.net coding. Creation of reports with BARCODE

13 Title : **Treasury Management Systems (TEFS) – Intranet**  
 Client : JKR – BRUNEI Darussalam (Crown Systems Singapore)  
 Environment : Windows NT, IIS 5.0, ASP, Oracle 8i  
 Team Size : 3  
 Role : HTML design and asp coding, Crystal Reports 8.5  
 Description :

TEFS (Treasury Management Systems) is developed under the intranet environment to serve JKR Cash Treasury for maintaining all the government projects cash transaction information. This project consists of admin module SO module, PC model and Report module. The SO module is having all the financial details to view and can be updated. In this module SO will apply how much the money is needed for the project. Depends on the existing money treasury can allocate or sanction the money The report module consists of 7 Reports, which is available on department wise and Date wise Expenditure. The Finest advantage of all the report is all can be retrieved over Internet and Intranet and can be saved in any required format to send the report over mail.

14 Title : **Apex Sales Info System (ASIS) – Intranet System**

Client : Apex Laboratory - Chennai

Environment : Windows NT, IIS 4.0, ASP, Oracle and FP98

Team Size : 3

Role : HTML design and asp coding

Description :

ASIS (Apex Sales Information System) is developed under the intranet environment to serve the regional sale offices for maintaining the daily sales info. This project consists of admin module and client module. The client module have daily sales sheet. The sales sheet consists of much information such as sales personnel name, Sales personnel Number, sales description, ordered quantity and price quoted customer information and discount. When the sales sheet submitted then this sales sheet will update the central database. Also security module is provided to the database to validate sales personnel identification.

Admin module has all the privilege of data base function (View, Add, Modify, Delete and reporting) and is provided to the data base administrator in the internet itself. This module has intelligence so that data entry operator is enough to operate this system. This also has security module against any unauthorized violation.

15 Title : **Vehicle Violation Monitor - VVM**

Client : Chennai City Traffic Police

Environment : ASP, VB Scripting and Oracle 8.0, Crystal reports 7.0

Team Size : 3

Role : Designing and Testing

Description :

VVM is an Intranet Project meant for vehicle owners whose vehicle violated in the traffic signal. The vehicle number was stored in database. And notice information is generated, and the notice is send to the vehicle owner. This keep trace the vehicle owner whether they paid the fine or not. If the fine was not paid within the period of time, this system automatically list out the person name, address, date and fine particular. Then the person license will be cancelled, and vehicle may be seized. This system also generated report upon request for any registered vehicle using crystal reports. This project has huge amount of data's. This system was very much appreciated by Traffic police department of Tamil Nadu.

16 Title : **Patient Information System (PIS)**  
 Client : SriDevi Hospital- Chennai  
 Period : 3 Months  
 Environment : Windows NT, IIS 5.0, ASP, Oracle 8i ,crystal reports 7.0 and FP98  
 Team Size : 2  
 Role : ASP Coding, crystal reports design,VB Scripting Testing and HTML Design  
 Description :

PIS is Intranet system, which is for storing all the patients' details like Name, Photo, Age, Sex, Ref by Doctor. After the treatment is over the treatment Transcription is stored along with the tests carried out during the treatment period. The different tests are available is Hematology, Pathology, Histopathology, Virology, Toxicology,

X-RAY, ECG. The Doctors who attend the case can view all the result of the test is updated to the System with the relevant lab Technician ID .The information in the Intranet. All the above data is manipulated using ADO. The case history is stored in a notepad using File system object. There are 2 report modules .one is in Admin module another is PD module. In admin Report module there are different Reports available like how many cases admitted in hospital and how many specific tests carried like that it is having many reports all are done using crystal reports 7.0.There is also a privilege to Email the Reports to required destination either to patient or doctor Using CDONTS.

17 Title : **Apex Employees Management System (AEMS)**  
 Client : Apex Laboratory - Chennai  
 Environment : Windows NT, IIS 4.0, ASP, Oracle and FP98  
 Team Size : 2  
 Role : ASP Coding, VB Scripting Testing and HTML Design  
 Description :

AEMS is intranet system which working for employee management. This system was developed to monitor and process the employee's performance, personnel particular, Payroll and promotions. This has many modules about each employee records, and the records are processed under various conditions. Based on the employee particulars, the management provide them increment and promotion. This project also processes the salary, over time of each employee based on the attendance and basic salary. This system installed into all the regional offices of apex laboratory and central database is available at head office. This projects was very much appreciated because it was reduced all the work of accounts department about employees.