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## Senior Crystal Reports Developer - Cendien - Crystal Reports Experts

# **Crystal Reports Professional Services**

- Over 10+ years of experience in IT Industry, involved in System study, design, development, testing, and implementation of application software.
- 8+ years of extensive experience in Crystal Reports 6.0 to 11.0
- 3 years exp. in set up and administrating of Crystal Server Administration
- Expertise in implementation of Crystal Enterprise report sharing on local Intranet
- Expertise in creating and generating reports/web based reports using Crystal Reports, universe and distribution using Crystal Enterprise, BO Server.
- Good experience with Business objects environment.
- Expertise in Developing custom reports, utilizing formulas, setting up parameters for some dynamic reporting, creating sub-reports, incorporating the use of graphs, ole, exporting report to a web page with Crystal Server Pages.
- Wrote numerous Crystal Reports including financial and operational reports.
- Extensively used Oracle7.3, 9, 10g, SQL Server 2000, MS-Access 97/2000, Teradata
- Has worked with building complex SQL queries, PL/SQL stored procedures and triggers.
- Served for 1 Yr as Data warehouse consultant.
- Used SQL & PL/SQL data access languages extensively for data transaction
- Handled a Data Warehouse project. Hands-on experience in designing, developing, and implementing Extraction, Transformation, and Load (ETL) techniques
- Created numerous Stored Procedure and triggers to implement the business logics
- Quick learning ability to upgrade new technologies and tools
- Strong communication and interpersonal skills

## **Crystal Reports Technical Skills**

- GUI Visual Basic 6.0, MS Access 2002
- Development Tools Crystal Enterprise 8.5/10.0, Crystal Reports (till 11.0), COM, DCOM, Web Elements 2.0
- RDBMS Oracle 7.3, 8 / 8i, 9, 10g, Teradata
- DB2,MS SQL Server 7.0 / 2000, T-SQL
- MS Access 2002
- Middleware TCP/IP, FTP
- Scripting Languages ASP 3.0, CSP
- HTML, DHTML, XHTML, XML
- Java Script, VB Script
- Operating System Windows 95 / 98 / 2000, DOS
- Windows NT 4.0, UNIX
- Other Tools Microsoft Visual InterDev 6.0
- MS Front Page, IIS, MS Transaction Server, Crystal Server,
- Remedy, Hansen, asp.net



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# Crystal Reports Clients / Experience

#### **Financial Client**

# Sr. Crystal Reports and Web Element Developer

- Worked on E-Recruit project by developing all crystal reports in .NET environment.
- Managed complete web element set up for the web pages.
- · Created data foundation for Business views
- Helped in creating business views using oracle tables.
- Create parameterized dashboard reports (these reports show information from highest level by company and can be drill-down to single item using hyperlinks and drill-down technique), cross-tab, conditional, Top N, Summary, Form, OLAP reports and Sub reports.
- Create Crystal Reports Repository objects (reports template, commands)
- Used Java script to code for specifically designed Single sign on Login page.
- Users and developers training

Technical Environment: Business Objects XI release 2, Oracle, Crystal Web Elements, Infoview, JSP, ASP.NET

Operating System - Windows XP Professional

#### **Government Client**

## Sr. Crystal Report Developer / Team Lead / PL/SQL Developer

- Worked on the database design for reporting.
- Created views for report datasource.
- Used complex SQL queries/stored procedures for command objects as data source
- Modified triggers, functions, procedures to accommodate on going changes in business logics
- Working and designing reports on XI.
- Working with Business Users to develop system requirements, analyze data Element and continuous end-user support.
- · Reporting front-end includes sub reports, parameters
- Trouble shooting issues that the team identifies
- Creating some generalised, reusable reports to be used with a broad range of reports
- Helping in writing stored procedures, functions to facilitate some data which is otherwise inaccessible directly
- Designed and implemented Adhoc Reports, Extracting Data from an SQL Server database.

Technical Environment: Crystal Reports 11.0, SQL server 2005, HANSEN 7, Crystal Report Viewer Operating System – Windows XP Professional

#### Financial Client

**Crystal Reports / BO Developer / Crystal Enterprise Administration** 

Used complex SQL queries to report off datamart, flat files.



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- Converted oracle gueries to Teradata, helping in migration.
- Debugged stored procedures for correct data output.
- Reporting frontend included sub reports, drill down, parameters, LOVs, Charts etc.
- · Reporting off universe, creating webi documents from universe, scheduling for users
- Automating numerous manual reports
- Creating Business Views, LOVs, Pivot table.
- Exported reports in diff formats using BOXI.
- Trigger, calendar based reporting.
- VBA coding to read data from a flat file and load to oracle table.
- Administering Crystal Enterprise, CMC

Technical Environment: Crystal Reports/BO 11.0, BOXI, Oracle 9i, Teradata, MS Access, VBA, SQL Navigator, Teradata Queryman Operating System – Windows 2000

#### **Telecommunication Client**

## Crystal Reports Developer / Crystal Enterprise Administration / PL/SQL Developer

- Used MapInfo object of Crystal 10 to drilldown to lowest level.
- Created different type of reports including: Cross-tab, Conditional, Drill-down, Top N, Summary, Form, OLAP and Sub Reports.
- Create reports include formatting options such as Charting, Mapping, Grouping, Sorting, Alerting, Field highlighting, Drill-down, Parameter prompts
- Modify report content and export reports in multiple formats (Excel, .CSV, tab separated,
- .PDF , .RPT etc) based on user input .
- Setting up of Crystal Enterprise for distribution of reports.
- Scheduling daily, weekly, monthly reports in Crystal Enterprise to run at a particular time. Creating users, groups and giving them required permission.
- Scheduling of some reports based on event server.
- Distributing reports by e-mail, FTP or via web access.
- Used Crystal server pages to report off the APS database, display of BLOB data etc.
- Used CSP to analyze the total no. Of schedules, Recipients etc.
- Designed Web based Crystal Reports user interface, Security System Interface, Parameterized Reporting.
- Upgrade from Crystal 8.5 to 10.0.
- Developed and maintained the system using SQL\*Plus and PL/SQL.
- Integrated Crystal Reports with Oracle databases using Views and Stored procedures
- Import -- written the procedure which will get the data from Text files which are sent by the client and load it into the staging table, doing the data validation and load into the original table.
- Wrote Stored Procedure to read CLOB from database and display it in Crystal reports 8.5
- Served as a Data Warehouse Consultant in the development of data warehouse. Tasks included the creation of schema objects (tables, materialized views, indexes, packages, etc.) in an Oracle9i environment, the expansion of a single dimensional data model (star schema) into multiple star schemas, source to target mapping. Conducting requirement analysis; the



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design and development of a dimensional data model (star schema). Coding of ETL procedures (PL/SQL).

Technical Environment: Crystal Enterprise 8.5 - 10.0, CSP, Java Script, DB2, Oracle 9i, Crystal Reports 8.5 - 10.0, Operating System – Windows 2000, Unix

## HealthCare Industry

# **Programmer / Crystal Reports Developer**

- Handling Compile-Time, Runtime Errors, and Debugging stored procedure for business logic modification, Granting and Revoking Schema Object Privileges and Roles
- Written the procedure which will create the triggers dynamically to audit the particular object based on the user selection.
- Created specific user groups with certain permissions.
- · Worked on Data conversion Issues.
- Published all the reports to Crystal Enterprise.
- Scheduled all reports to run Daily or weekly or monthly.
- Created specific user groups with certain permissions.
- Reports distribution by email, Web access.
- Depending on the specified User/Provider the QMMRR COM component creates HTML outputs.
- Created Complex Stored Procedures to implement Business logic.
- Performed integration testing to verify the data transfer between the various modules.
- Designed and implemented ad hoc reports
- Designed Web based Crystal Reports user interface, Security System Interface, Parameterized Reporting.
- Optimized the existing Reports using stored procedures for fast access.
- Designed Reports in Crystal Reports 8.5 for web to export in excel formats for Providers Management.
- Involved in publishing these reports on the Crystal Enterprise Server.
- Created 8 specific Reports based on specific Provider Logins.

Technical Environment: Visual Basic 6.0, ASP 3.0, XML, HTML, Java Script, VB-Script, SQL Server 2000, IIS, Crystal Reports 8.5, Operating System – Windows 2000

#### **Financial Client**

#### **Programmer / Crystal Reports Developer**

- Wrote Stored Procedures, Triggers to effectively incorporate Business logic
- Developed normalized database for the application.
- Text files generation, Coding Dynamic sql statements, gathering necessary optimizer statistics to build the performance, Creating and rebuilding indexes in large transaction tables.
- Wrote complex SQL queries to impart functionality.
- Developed the Graphical User Interface with HTML.
- Developed normalized database for the application.
- Wrote client side validations using Java Script.



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- Wrote database interaction using VB-Script.
- Created various reports for day-to-day transaction, weekly, monthly and annual transactions, Drilldown Reports etc.
- Worked directly with the End-Users to design Report Specifications.
- Involved in extensive testing and bug fixing.

Technical Environment: ASP 3.0, HTML, Java Script, VB-Script, Crystal reports 7.0, Dream weaver 4.0, DB2,SQL Server and Operating System - Windows-NT

# **University Client**

# **Programmer / Analyst**

- The Course Management system consists of modules for Course Search and registration.
   Payment of course fees in various installment plans, allocation of students to Classrooms and Faculty. The administration module contains features to add courses, configure installment plans and course fees, etc.
- Developed the complete Graphical User Interface with Visual Basic forms and components.
- Responsible for making Control Flow Diagrams and Data Flow Diagrams.
- Created modules and class modules for code optimization.
- Designed and developed Triggers for effective data manipulations.
- Wrote PL/SQL stored procedures and functions.
- Developed class library for parsing XML (SAX, DOM) Test scripts using XML parser
- Wrote code for the accounting section of the application.
- Developed Crystal Reports as per formats provided by the client.
- Created various Reports based on requirement i.e. as per different Department's needs.
- Developed a Reporting Statistical Analysis system utilizing Seagate (Crystal) Reports 7.0.
- Grouping and Sorting of records as per requirements.
- Inserted Summaries, Sub-Totals and Grand-Totals in the reports.
- Involved in the testing and bug fixing of the complete application.
- Responsible for giving training to the end users.

Technical Environment: Visual Basic 6.0, ASP 3.0, XML, IIS, SQL Server, Crystal Reports 7.0, Dream weaver 4.0, Operating System - Windows 2000

#### **Telecommunication Client**

#### **Programmer / Analyst**

- The project was a standard portal which can be utilized by any company while creating their own website. It also included features like chat room, message forum, news board etc. This could be accessed when any user logged in into the portal. The package was developed in ASP, MS-Access and Dream weaver.
- Designing the pages using HTML, Dream weaver.
- Made use of Cascading Style Sheets (CSS DHTML).
- Doing client-side validations using JavaScript.
- Developed class library for parsing XML (SAX, DOM) Test scripts using XML parser.
- Doing database interaction using ASP (ADO) and MS-Access
- Using VBScript for the server-side code-using ASP.



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- Extracting different lender queues and storing into database.
- · Maintenance & enhancements of the site.

Technical Environment: ASP 2.0, Java Script, XML, HTML 4.0, CSS, VB-Script, MS-Access and Dream weaver 4.0.

# Transportation Industry Programmer / Analyst

The software included day-to-day information and reservation of seats of the airline. It gives
all provisions of reservation, cancellation, booking of the airlines. It gives a ready summary of
availability of seats and accounts of the airline. The package was developed in VB and MSAccess.

#### **Hotel Industry**

# **Programmer / Analyst**

- Developing pseudo-code for the module.
- Prepared ER diagrams to determine the relevant tables required in the system.
- Contributed in the design and normalization of tables and creating relevant classes that would map onto these tables.
- Developing a special login class in C++ for security of the system.
- Wrote functions for specific classes using C++.
- In the back-end wrote triggers and procedures for Oracle tables for referential integrity and automatic updating of databases.
- Involved in data modeling, Coding and Report Writing using Crystal Reports.
- Contributing in error and exception handling and testing of the system and individual modules.

#### **Hotel Industry**

# **Programmer / Analyst**

- This was software developed for the hospitality industry. It included administration and dayto-day working of the hotel, inventory of all products, customer transactions, billing, guest history and an employee management system. The package was developed with Visual Basic and Oracle.
- Responsibilities of the above mentioned Projects:
- Developed the front end GUI for the above product using AWT
- Performed object oriented analysis and design (OOA & OOD)
- Developed servers with JDBC for connecting to the database using JDK SQL API's.
- Created various reports using Crystal Formulas Syntax.
- Added many fields to SQL query and expression.
- Wrote stored procedures and triggers to update the database on certain user actions.
- Used grouping and sorting of records as per client's requirements.
- Made ER (Entity Relationship) diagrams for the database.
- Creation of Tables, Stored procedures and Triggers (using PL/SQL) in the Oracle database.
- Active X data objects (ADO) have been used for accessing data from the backend.



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Handled a variety of ODBC Call errors.

Technical Environment: Java 1.2, Applets, AWT, OOA, OOD, JDBC, ODBC, HTML and MS-Access., Crystal Reports 7.0, Oracle 7.3, SQL, PL/SQL, Crystal Reports and Windows NT, Visual Basic 5.0. Intel Pentium, UNIX, C++.



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# **Crystal Reports – CENDIEN Hyperion Consulting and Staffing Services**

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