Sudipta Panda.

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Objective	:	Challenging opportunity in the field of Application Software, RDBMS, Innovative software design.
Strength	:	System Analysis, System Development, RDBMS, Software Engineering, Sound Knowledge Computer hardware.
Job Experience	:	Currently in **Covansys India** (Formerly known as CBSI), a CMM Level 5 MNC and having 4+ **years** of experience in the Information Technology field with extensive experience as Oracle, PL/SQL 8.0, Visual Basic6.0, and Oracle Database Administration in WinNT environment.

OVERSEAS EXPERIENCE :

CBSAustralia, SYDNEY (**Australia**)
1. Client (Optus Telecom.) interaction.
2. IPR (Intellectual Property Rite) acquisition from CBS-Australia.
3. Design Discussion with CBS-Philippines team, which is working on different version of TMN (Telecom Management Network) project.
4. Front end design for some module for client.

EDUCATIONAL QUALIFICATION:

B.E. in Computer Science & Engineering (75 % with Distinction), *Amravati*
                                      University,
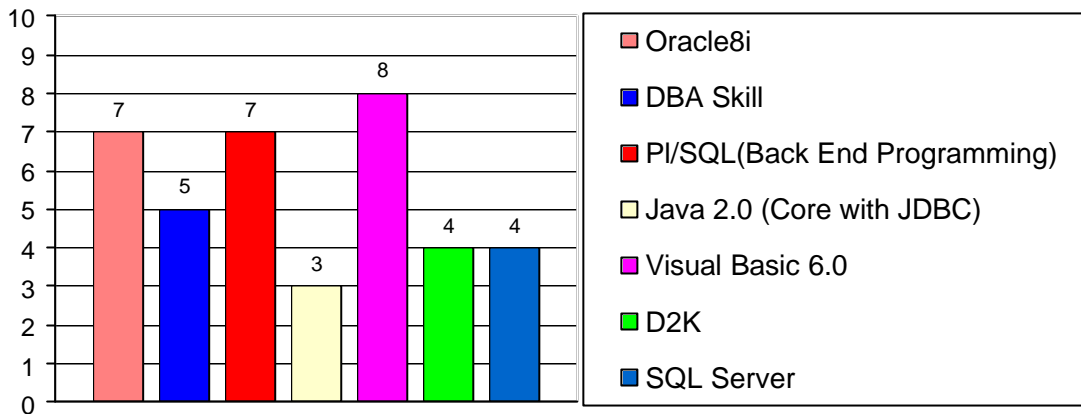*Amravati, Maharastra. Passed Out in April -1998*

TECHNICAL ENVIRONMENT

LANGUAGE	**SQL, PL/SQL 8.0, Visual Basic,** Java**,** C, PASCAL
DATA BASE	**Oracle 8.x**, SQL Server 2000, MySQL, MS Access, Foxpro,
SOFTWARE TOOLS	MS Application Center, Rational Rose, ERWin, Embarcadero Rapid SQL, QUEST Toad, Spot-Light for DBA, VISIO 2000, FrontPage Express, Tarantulla, Developer 2000 Forms 5, Reports 3.0, SQL*Plus 3.3.2, SQL*Loader, SQL*DBA/SVMGR , Export and Import, Oracle Installer, VISIO 2000, PowerSoft. (Power Designer), , Visual source Safe, PVCS.
OS	Windows NT, Windows 2000, Windows 95/98, MS-DOS
HARDWARE	Pentium, PC-XT, PC-AT 386/486, IBM 3090, DEC Alpha Server 300/2000

Training :1. Undergone for the Full time training of **MOC(Microsoft Official Curriculum)** for MCSD. The module consisted of
- VB Advanced.
- Windows Architecture 1.
- SQL server 6.5.
- Windows Architecture 2.
2. Advanced Clustering (Oracle) At Intel India, Bangalore
3. Advanced Clustering (SQL Server) At Intel India, Bangalore.

Where I stand in 0-10 rating for major software skills.

MAJOR ASSIGNMENTS:

1. May 2002 – July 2002

Organization : Covansys India Pvt. Ltd.
Client   : Pulte Homes, US.

Purchase Order Management & Legacy System Integration.
*The **ePO** system will allow Pulte to standardize the creation and management of purchase orders by electronically capturing and managing the associated processes via the Internet.*
The system will:

- *Ensure consistent and accurate association of work with Lawson (accounting system maintained by PULTE HOMES).*
- *Electronically manage the creation and use of authorization workflows for approving purchase orders*
- *Allow Vendors and Pulte employees to review outstanding work and purchase order status.*
- *Automatically notify the Lawson system when work is ready for invoicing and payment.*
- *Daily integration with Lawson so that all purchase orders are accurately managed.*

ROLE   :   **DBA**
RESPONSIBILITIES   :
As a DBA for the project with following responsibility
1. Installing and upgrading the SQL Server Client/Server and application tools.

2. Creating primary database storage structures after application development team have designed the application.
3. Creating primary objects (tables, views, indexes) after application development specification designed got frizzed.
4. Modifying and altering the database schema, as necessary, from information given by application developers.
5. Enrolling users and maintaining system security.
6. Controlling and monitoring user access to the database.
7. Backup and recovery of database information.
8. Maintaining archived data on tape.
9. Backing up and restoring the database.

Environment: Pentium III, Windows NT4.0 SP4.0 Server, Windows 2000,NT client, SQL Server 2000, Visual Basic 6.0, ASP, IIS, SQL Server 2000,COM+, BizTalk Server 2000

2. June 2001 – May 2002

Organization : *CBSI (Complete Business Solution India LTD)*
Client   : OPTUS Telecom (Australia), CBS-Australia

Reverse Engineering from ZIM to Oracle 8i of a Telecom Provisioning Software (SCOPE 3.0) for CBS Inc., Australia.
*This is a conversion project for a legacy Tele Communication Provisioning Software for well-known vendor called Provider. The project involves complete **reverse engineering** from ZIM proprietary objects to Oracle and Java proprietary objects. Zim is a primitive but very strong ER based partial RDBMS, which is from ZTI Inc. Canada.*

ROLE   :   **Team Leader for Documentation and Support for OPTUS Inc. Sydney (Australia)**

RESPONSIBILITIES   :

As a team leader I was responsible to
1. Understanding the Service Requests and it's critically and complexity .
2. Solving SRs.
3. Aligning the team towards good problem solving methods.
4. Client interactions for Service Requests.
5. Understanding functionalities of telco terms and assisting team in getting into it.
6. Event planning.
7. Presentation of issues to the management for complex business requirement.
8. In-depth documentation for the forward engineering of the product and future enhancement.
9. Auditing the documentation.

Environment: Pentium III, Windows NT4.0 SP4.0 Server, Windows 2000,NT client, Oracle 8.1.5, Visual Basic 6.0, SQL, P/L SQL 8.0), SQL*Plus 3.3.2, SQL* Loader, Export and Import, SQL*DBA/ SVRMGR (7.3.2), Lsnrctl (Listener Control Program)

3. April 2001 – June 2001

Organization : *CBSI (Complete Business Solution India LTD)*
Client   : **Cocacola (Hindustan Cocacola Beverages Ltd), India.**

Designing, Testing , Integrating Backend (Oracle) structure, Load Testing as well as designing middle tear interface for ERP like SAP.
This is a additional functionality integration for reengineering Coca-Cola India Ltd for their S&D (Sales And Distribution) through ERP Like SAP. Since The ERP was unable to handle some of the functionality for sales and distribution of glass material, we got an opportunity to make S&D module and plug it into reengineering module.

ROLE   :   **Backend Expert (Oracle Products)**

RESPONSIBILITIES   :   **Backend Design & Assistance in Backend related Problem.**

As a Backend Expert in Oracle I was responsible to

1. Designing the database in logical level for required use cases with the help of case tools like Rational Rose.
2. Normalization, De-Normalization and Modification of existing database structure for other modules designed earlier.
3. Auditing the additional change requirement in database.
4. Designing Physical Database design in Platinum ERWin and maintaining central repository of the complete schema.
5. Assisting design team in smooth solution of database related problems and queries.
6. Assisting Developer Team in fine tuning in SQLs.
7. Designing and Developing Oracle PL/SQL Block called buy middle tear or front tools.
Environment: Pentium III, Windows NT4.0 SP4.0 Server, Windows 2000 client, Oracle 8.1.6, Rational Rose, Platinum ERWin, SQL92, P/L SQL 8.0, Oracle SQL*Plus 3.3.2, SQL* Loader, Oracle Export and Oracle Import, SQL*DBA/ SVRMGR (7.3.2), Lsnrctl (Listener Control Program), SQL*Net 8.0, MS Visual Source Safe.

4. August 2000 – April 2001

Organization   : *CBSI (Complete Business Solution India LTD)*
Client   : **OPTUS Telecom (Australia), CBS-Australia**

Reverse Engineering from ZIM to Oracle 8i of a Telecom Provisioning Software (SCOPE 3.0) for CBS Inc, Australia.
*This is a conversion project for a legacy Tele Communication Provisioning Software for well-known vendor called Provider. The project involves complete **reverse engineering** from ZIM proprietary objects to Oracle and Java proprietary objects. Zim is a primitive but very strong ER based partial RDBMS, which is from ZTI Inc. Canada.*

ROLE   :   **Module Leader for Back End (Oracle and Aurora Java) / VB & Oracle Programmer**
RESPONSIBILITIES   :
As a module leader in Oracle & Visual Basic I was responsible to
1. Map the ZIM components to perfect Oracle component.
2. Neat and robust frame work how they will be deployed.
3. Re-Design and design of complete data base schema.
4. Auditing the additional change requirement in database.
5. Complete Reengineering of Help System in Visual Basic 6.0
As a DBA for the project with following responsibility
10. Installing and upgrading the Oracle Client/Server and application tools.
11. Creating primary database storage structures after application development team have designed the application.
12. Creating primary objects (tables, views, indexes) after application development specification designed got frizzed.
13. Modifying and altering the database schema, as necessary, from information given by application developers.
14. Enrolling users and maintaining system security.
15. Controlling and monitoring user access to the database.
16. Backup and recovery of database information.
17. Maintaining archived data on tape.
18. Backing up and restoring the database.
As a Back End & Visual Basic Programmer for the project with following responsibility
1. Creating and maintaining backend triggers.

2. Writing down PL/SQL procedures and functions to meet the functional requirement of functionality of reverse engineering.
3. Supervision and Bug fixing of existing stored procedures.
4. Developing The Help Subsystem for the product.

Environment: Pentium III, Windows NT4.0 SP4.0 Server, Windows 2000,NT client, Oracle 8.1.5, Visual Basic 6.0, SQL, P/L SQL 8.0), SQL*Plus 3.3.2, SQL* Loader, Export and Import, SQL*DBA/ SVRMGR (7.3.2), Lsnrctl (Listener Control Program)

5. February 2000 – August 2000

Organization : *AITL (Associated InfoTech Limited).*
Client : GRASIM India Ltd
  (Birla Cellulosic)

Enterprise Material Management System (EMMS) for Complete Supply Chain Management For GRASIM (Aditya Birla Group)

There was crude software made by a firm called Birla Copper which was supposed to be integrated with proper configuration and adjustment and debugged by Associated InfoTech Ltd. Redesigning the structures and forms & reports and graphics in Developer 2000 and Visual Basic 6.0. Some new utilities are added like messaging system and file transfer between multiple servers using Aurora JAVA.

ROLE : **Application Developer/ Analyst.**

RESPONSIBILITIES : **As Application Analyst/ Developer I was**
1. Designing algorithms and Dataflow diagram.
2. Designing user friendly interactive reports.
3. Finding out perfect fit for the software according to the organization's requirement.
4. Bug fixing of existing Stored procedures for business rules and algorithmic errors.
5. Query Optimization.
6. Testing procedures and functions.
7. System Installation at Client Site and system training to user and managerial level.
8. Project module integration responsibility and procedure library manager.

Environment: Pentium, UNIX (Compaq DEC Alpha), Windows 95, Windows NT, PL/SQL 8.0, Oracle 8.1.5, Visual Basic 6.0 , Developer 2000, Graphics 2.0, SQL*Plus 8 , SQL*Loader, Export and Import, SQL*DBA/SVRMGR, Oracle Installer, Visual Basic6.0 ADO.

Organization : **Associated Infotech Limited**
Client : **GRASIM India Ltd**
(Birla Cellulosic)

Weather Monitoring System for Sulphuric Plant and MET Lab of GRASIM

The system indicates wind velocity and speed, type and intensity sulphuric acid content in air, rain, humidity, air and ground temperature. The system is expected to provide accurate information about current conditions.

Two wind gauges, measuring direction and velocity are mounted at the top of a 30-foot-tall pole. 10 Transducers attached different part of the township as well as plant area for concentration of Sulphuric acid and Mithen in air. Precipitation gauges, air temperature and humidity gauges are mounted on another pole at Met Lab about five feet above ground. A steel jacketed cable connects sensors placed in the pavement and underground to the site controller. The information from all sensors and gauges is sent to a central computer located Met Lab Of Birla Cellulosic Limited which is then processed and displayed by the front end interface

ROLE : **Team Leader for development team**
RESPONSIBILITIES
As a member of system designing and team leader of development team I was responsible for

1. Design of the front end
2. Building the front-end application for the Met Lab.
3. Calibrating the equipment through the software developed by us.

Environment: Pentium, Windows 95, Visual Basic 6.0, ADO.

Organization : Associated InfoTech Limited
Client   : GRASIM India Ltd
             (Birla Cellulosic)

Zicoms security Interface for Human Resource Management System

Zicoms is a card-swapping machine, which generates text, based files and based on which the complete pay roll system of the HRMS depends. Since it was not integrated with existing HRMS we developed and added functionalities to it. The software added following features.

1. Employee master maintenance
    1.1.   All Different Departments
    1.2.   Employee Categories
    1.3.   Employee card numbers
    1.4.   Special Access Groups
2. Time attendance, detailed muster, time totalization, In/Out time reports month wise.
3. Daily absentee
4. Report For Employee Master
5. Late arrival, early departure, early arrivals and late departure reports
6. Single swipe reports
7. Leave opening and closing balance maintained on a calendar or financial year.
8. Leave report card report.
9. Mid-Day and Mid-Night Cross over shifts maintained.
10. Multi-user password protected access
11. Multi Operator Environment with user defined privileges.
12. Backup and data restoration facilities

ROLE   : Associate Programmer

RESPONSIBILITIES :
As an associate programmer I was responsible for
1. Design of the front end
2. Building the front-end application.

Environment: Pentium, UNIX (Compaq DEC Alpha), Windows 95, Windows NT, PL/SQL 8.0, Oracle 8.1.5, Visual Basic 6.0 , SQL*Plus 8 , SQL*Loader, Export and Import, SQL*DBA/SVRMGR, Oracle Installer, ADO.

Organization : Associated Infotech Limited
Client   : GRASIM India Ltd
            (Birla Cellulosic)

Forte X-ray Systems Interface for Viscous Staple Fiber

This is an X ray machine installed at Birla Cellulosic limited to chec the whiteness, Yellow ness and internal fiber brakeage percentage for the viscous staple fiber. The system generates postscript for printers. Since management wanted a real time visual windows based monitoring system for VSF qualities to improve the production standard we developed one front-end interface for the whole system.

Basically it was converting the postscript to in script from the Adobe Distiller and then loading it into database and then bounce back to Front end with various charts and reports continuously at master control room of plant.

ROLE   : **Programmer**
RESPONSIBILITIES : **As a programmer I was responsible for**
1. Design of the front end
2. Building the front end application.

Organization : Associated Infotech Limited
Client   : GRASIM India Ltd
            (Birla Cellulosic)

Data Bridge Component For Oracle – Access

Some testing equipment at BSC Ltd was stored in MS Access. For integrating the complete Lab information we need a data bridge between MS Access and Oracle 8i. A COM Component developed for the bridging between MS Access and Oracle 8i.

ROLE   : **Programmer**
RESPONSIBILITIES : **As a programmer I was responsible for**

1. Design of framework
2. Building the application.

6. November 1999 – February 2000

Organization : *AITL (Associated InfoTech Limited).*
Client   : AITL- Baroda & Ahmedabad

Pupils Management System for AITL (Training division)

The project involved complete management software of students for the training division of AITL. This is full information flow management package designed to handle from pupils enquiry to course advertisement and information tracking to certification and scholarships.

ROLE   : **Team Leader/Programmer.**

As a **Team Leader**, was responsible for the following:
1. Client Interaction and requirement analysis.
2. Complete designing of Data Flow diagram.
3. Designing & auditing of Front End.
4. Database design and schema resolving.
5. Team management and job distribution.
6. Project co-ordination between management and team.
7. Event Management.

As a **Programmer**, was responsible for the following:
1. Developments of stored procedures for required business rules.
2. Designing front end for the module handling with the interaction with client.
3. Designing and fabrication of some of the ActiveX component for Front End.
4. Testing modules, which were developed.

Environment: Pentium, Windows NT4.0 Server, Windows 95, Oracle 8.0, .SQL, PL/SQL 8.0, Developer 2000, Designer-2000, SQL*Plus, Procedure Builder, SQL*Loader , Export and Import , SQL*DBA Server Manager, Visual Basic For ActiveX design.

7. August 1998 – Mar 1999 (Development) – August 1999 (Support and Training)

Organization   : Council Of Computer Professionals , Bhubaneswar.
Client   : Orissa Tourism Development Corporation

Companion CD disk for Orissa Tourism Hand Book of OTDC

This project was under taken by COCOPRO from OTDC. A companion CD was developed for the Orissa state tourism corporation's handbook. So that information could be easily accessed by the tourist using computers or Electronic Kiosks or for future Internet version of the handbook.

Features   :
1. The project deals with complete description of different places of Orissa.
2. The information is in terms of
    a) Audio clips.
    b) Video clips.
    c) Still photos.
    d) General text.
    e) Hypertext.
3. Desired information by easy access menus and animated buttons.
4. Graphical path tracking and destination detection.
5. Excellent Voice helps.
6. Animated help guide to make the system user friendly.
7. Internet Links.
8. Telephone Hotline Links (THL) through MS dialer.

ROLE   :   **Assistant Software Engineer.**
RESPONSIBILITY   :
As assistant Software Engineer, Front End Programmer, Interface Designer and Special Effects Editor my responsibility was

1. As front designer I was designing the front-end screens for different applications.
2. Extensive coding for linking database and other objects.
3. ActiveX designing and synthesizing.
4. Special objects and effects designing and implementation.
As support and training my responsibilities were
1. Client side software installation, Hardware installation.
2. Client side demo.
3. Client side training for operation and trouble shooting for their costumer

Environment: VISUAL BASIC 5.0, MS ACCESS, RDO, WinSock, MS Dialer, Internet Control ActiveX, Windows 95/97

Organization   : Council Of Computer Professionals, Bhubaneswar.
Client   : Council Of Computer Professionals

Telephone PCO Management System

Complete Simulation System for PCO Vending machine through Computer, which is having following features. This was demo software we were making for one Software Exhibition at Bhubaneswar. It was capable of

1. Dialing from the computer without using any telephone instrument.
2. Complete Telephone Features included.
3. Dialed Number as well as Time and duration of the call recording.
4. Calculating Call Amount
5. Call Cost setting.
6. CLIP Facility.
7. Call Barring.
8. Auto configured answering machine.
9. On call voice recording for 5 minutes on 11KHz WAV file.
10. Complete reporting facility for almost every thing actioned with the PCO system.

ROLE   :   **Assistant Software Engineer.**
RESPONSIBILITY   :   **As assistant Software Engineer, Front End Programmer**
                                        My responsibility was

1. Developing software according to the design specification.

Environment: VISUAL BASIC 6.0, MS ACCESS, DAO, WinSock, MS Dialer, Internet Control ActiveX, Windows 95/97

Personal Details

Name	:	Mr. Sudipta Panda .
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Date – 15 August 2002   Sudipta Panda.
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