MANISH AGRAWAL

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**Professional Profile**

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* **MBA & Masters in CS** with **15+ years of experience** in design, development, deployment and management of **Oracle** **Database** Systems, Solutions and processes
* Team player that is willing to learn and grow within organization
* 15 year experience with database, **ETL** and Unix/Linux/AIX systems including two years of Da**tawarehousing.**  IT business analyst for Teradata database.
* Completed a 4 week “**Big Data Club**” workshop at UTD.
* Worked with Google **BiqQuery, Google DataStudio on GoogleCloud Platform**
* Lead analysis and development efforts for **Python and** **MongoDB** POC at Citi.
* Initiated numerous **automation** projects via batch scripting to reduce manual efforts.
* Collaborative leader who interacts effectively with teammates, including peers, subordinates, cross functional staff teams, executive management and consultants
* Motivated achiever who is recognized for combining program excellence, integrity, and innovation with best practices and disciplined attention to achieving immediate and long‐term goals and objectives
* Worked with **Sarbanes Oxley** auditing teams.

**Experience**

Citigroup Inc., TX, USA

Citigroup Inc., a global financial services company, provides consumers, corporations, governments, and institutions with a range of financial products and services, including consumer banking and credit, corporate and investment banking, securities brokerage, and wealth management. Earned **Quality Excellence Award** and **Citi Star Player Awards**

IT Business Analyst March’ 2021 - Present

* Liaison between business users and technology team
* Work with Teradata database SQL, Kafka teams & Salesforce development team.

Database Team Lead Nov’ 2006 – March’ 2021

* Manage a team of 5 senior **database** developers primarily working in **ETL**.
* Worked with Google BigQuery and Google DataStudio
* Developed **Python** scripts for Lambda functions **AWS**.
* Requirements gathering, project delivery and project management.
* Responsible for code development/deployment of oracle database for credit cards and banking LOB.
* Developed batch scripts with **password-less FTP configuration** to help keep two AIX batch servers in sync.
* Developed batch scripts to **Extract, Transform and Load** java source and data embedded in Xml/Xsl onto Oracle database.
* Developed batch scripts which are executed via cron to alert of any database table changes between Main table and it’s corresponding purge table.
* Supervise entire SDLC (Software Development Life Cycle), from analysis of client needs to prototyping and implementation of financial systems.
* Lead project planning, architecture, and resource management of a team of four IT professionals.
* Conduct capacity planning and risk assessments; Provide guidance for business decisions from a technical perspective
* Ensure quality and timely completion of projects and provide IT automation support to various business groups in order to meet their revenue and cost goals
* Interview, hire, train, mentor team members, and introduce a culture of learning and innovation in the team; mentoring and leading distributed and offshore development teams.
* Create Technical Project Requirements and engage vendors, co‐ordinate Proof‐of‐concepts, proposal evaluation for services and products
* Successfully migrated database code and data from old legacy system to oracle database for numerous projects.

XO Communications, TX USA (Team Lead) Oct’ 2004 – Nov’ 2006

XO Communications is a full‐service provider of communications services for small & growing businesses, larger enterprises and carriers. XO is positioned as the largest national, local end‐to‐end broadband communications company in the U.S.

* Liaison between business owners and billing team
* Billing mediation product owner who drives technical project requirements
* Drive efficiency and productivity by automating file archiving and replication process. This helped save at least 10 hours per week
* Save US$ 100K per annum by automating self production data fix process and test bed setup
* Lead the Operations team through auditing for Sarbanes-Oxley
* Interface with internal and external SOX auditors in identifying key control points, establishing and implementing management action plans
* Manage 24\*7 production schedule running 300 jobs running every 15 minutes
* Manage the weekly release in production environment.
* Help recruit new team members for IT
* Continually strategize, plan, and manage process improvement projects to contain costs and enhance application response time, uptime, and overall system efficiency
* Re‐engineered existing processes for requirements, source code, release and change management for software projects
* Conducted one‐on‐one sessions with customers to determine their needs; communicate with customers throughout the project to manage expectations, resolve issues, and provide project status
* Led product demonstrations and solution proposals to internal and external customers; Design prototypes, proof‐of‐concepts and assist with usability testing, developing and executing test scenarios
* Played a pivotal role in supporting new product rollouts and ensuring revenue generation despite a major network change

**Nortel Networks,** TX, USA May’ 2003 – Oct’ 2004

Sr Developer and Production Support

Nortel Networks is a world leader in wireless technologies and services including CDMA, GSM, GPRS and more. We run shell scripts to ftp data to Unix Sun servers. Using Perl parsers, we load this data to oracle database. After loading data we run calculations and create reports using Perl and PL/SQL scripts and use PhP to generate reports on Web.

The project involves Perl/SQL scripts that are used to parse the raw data coming from MTX switch and load them in Oracle database.

* Responsible for integrating 3rd party solutions into Nortel Networks standard.
* The position involves extensive interaction with Customers and Management to determine their requirements and help set objectives and priorities.
* Design and implement oracle database for storing raw data from MTX switches.
* Utilize PL/SQL and SQL scripts to load / validate data and generate reports.
* Worked with data staging process using Shell Scripts to execute SQL\*Loader scripts.

Environment Oracle 8i, Perl, Unix Shell Scripts, PhP, HTML, Clarify and TOAD.

**TXU Business Services, TX, USA** Mar' 2002 – April’ 2003

Role : Lead Developer/Support.

TXU Business Services is an IT organization dedicated to the development, support and services of Gas and Electric Utilities company. We do the development and oversee the Operations and Maintenance of IT functions across all business activities.

We were engaged in developing and supporting data-warehouse and data-marts. Maintaining and troubleshooting extremely crucial 24\*7 Production jobs. Fixing jobs involves debugging and manipulating bad data, co-ordinating with the data center and finally fill out the Tivoli Service Desk ticket. All our jobs are monitored using Tivoli and run on Unix environment.

* Lead the Operations and Maintenance support group and oversee monitoring efforts for production environment.
* Involved in developing Oracle Data Warehouse as a developer using data extraction tools and ETL process from various sources to Oracle Data-Warehouse.
* Heavy development experience in creating numerous scripts using SQL, PL/SQL triggers, Stored Procedures & Functions and Perl.
* Worked with ETL mapping documents and Data Flow Diagrams.
* Worked with data staging process using Shell Scripts to execute SQL\*Loader scripts.
* Developed PL/SQL routines for data aggregation process.
* Preparation of test plans and test data for all the modules.
* Developed Unix Shell Scripts to run and test all the programs.
* Worked on Web Logic 7.0 helping in administration tasks.

**Environment**: Oracle 8i/9, SQL\*Loader, TOAD, PL/SQL, Shell Script, Sun Solaris, Perl, Dos Scripting, Web Logic 7.0, ClearCase, ClearQuest and Windows.

**Nortel Networks, TX, USA** Apr’ 1999 - Aug' 2001

Role: Software Developer

Nortel Networks is a world leader in wireless technologies and services including CDMA, GSM, GPRS and more. I work on a wireless GSM/UMTS project in the Development team doing database work. We work on subscriber provisioning, validation and updates, authentication and database messaging. Database scripts are embedded and passed via java objects.

* Developed java modules in which the database interacts with numerous components of the wireless telecommunication system.
* Various PL/SQL stored procedures were created to store and retrieve data from the database using JDBC.
* Involved in database backup and recovery procedure using tape as a backup medium. This is a real time database system that needs to be up and running 24 hours/7 days a week. Scripts are written (Shell scripts, Perl, SQL and PL/SQL) to perform hot backups of the database.
* Developed Shell scripts to run the oracle packages to upload data from the application using SQL \*loader utility.
* Developed a data processing tool (Unix and Perl) to parse raw data originating from Nortel’s DMS100 switches.

**Environment**: Oracle 8i, SQL\*Loader, PL/SQL, Shell Script, Sun Solaris, Perl, ClearCase, Java 2.0, Windows.

**PriceWaterhouseCoopers, TX, USA** July’ 1998 - Apr’ 1999

**Role : SAP Consultant**

PriceWaterhouseCoopers is a Big 5 consulting firm. I was involved in data conversion process from the legacy system to SAP using Oracle 8i database. Were also involved in converting reports from Legacy to SAP R/3.

* Develop ABAP/4 reports and various ad-hoc reports.
* Involved in Requirements gathering, Functional design specifications and Documentation.
* Nested SQL queries and joins were used to solve the complex business requirements.
* Wrote packages & stored procedures for populating & manipulating data using PL/SQL
* Developed Shell scripts to run the oracle packages to upload data from the application using SQL \*loader utility.
* Work as an ABAP developer on MM and FI/CO modules.

**Environment**: Oracle 8i, SQL\*Loader, PL/SQL, Shell Script, Sun Solaris, Perl, Windows, SAP R/3.

**Education**

* **MBA in Business Management** - University Of Dallas, Dallas, TX, USA ( May 2007 – August 2009 )
* PMI Certified Project Management - Collin County College, Dallas, TX, USA ( 2005 )
* Oracle 9i DBA certification course from Oracle university.

Richland College, Dallas, TX, USA ( August 2003 – Dec 2003 )

* **MS in Computer Science** (Telecommunications and Networking)

University of Texas at Dallas, TX, USA ( 1996 – 1998 )

* **BE Electronics Engineering**

RAIT Engineering College, Bombay University, India ( 1991 – 1995 )

# **Awards**

* Spot Award at Nortel Networks.

**Professional and Academic Training Programs**

Management Training Class

* Exercising Influence
* Business Consulting Skills
* Management Skills for an IT Environment
* Foundations of Finance
* Project Management Fundamentals
* Agile Project Management with Scrum
* “**Project** **Leadership**” by executives at TXU Energy
* CMM Level 1
* CMM Level 2

Technical Training Class

* Oracle Database 10G Advanced PL/SQL
* Oracle certified course “Oracle 9i DBA – Fundamentals 2” from Oracle University.
* Oracle 9i certified exam “Oracle 9i DBA – Fundamentals 1”
* “BEA Weblogic 7.0 Administration”
* Object Oriented Analysis and Design.
* ERP SAP/4 ABAP programming.
* SAS Training