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PROFILE

- **Udemy Certified Tableau Developer** - **Data Analyst/ Visualizer** - **w/ 4+ years** of experience in developing worksheets, workbooks, reports, charts, maps, graphs and dashboards
  Sr. Oracle Developer w/ 11+ years of experience in Oracle, SQL & PL/SQL
- **Expertise** in Live/Extract - **Connection, groups, sets, parameters, bins, hierarchies, calculated fields, joins, data blending, prompts, forecasting, trends**
- **Built** several data visualizations such as **Bar Charts, Stacked Bars, Line & Area Charts, Pie Charts, Heat Map, Scatter Plot, Histograms, Gantt Charts, Bubbles Charts & Maps**
- Achiever, Competent & Team Player

COMPUTER SKILLS

Languages:	SQL, PL/SQL
RDBMS:	Oracle 7.x/8.0/8.1/9.1/10g/11g/12c
Front-end:	Developer 2000 (Forms 4.5/5.0/6i/9i, Reports 2.5/3.0/6i/9i)
Data Visualization Tool	**Tableau 10 (Desktop| Online| Reader | Prep |Public | Server)**
Operating System:	Windows 95/N,T/XP/Vista, HP - UX & IBM - AIX
Utilities:	Application Express (APEX), Imp/Exp, SQL*PLUS and SQL*Loader
IDE Tools:	TOAD, SQL Developer and PL/SQL Developer

EDUCATION

Senior Secondary Certificate (10th Class)   Maths & Sciences 79 %   Aggregate 70 %
First Class   Atomic Energy Central School, Bombay, India   Jun 1987

Higher Secondary Certificate (12th Class)   Physics Chemistry Maths   92.6%   Aggregate 84 %
First Class Distinction   Atomic Energy Junior College, Bombay, India   Jun 1989

B.E. Metallurgical Engineering   Final Year TCPA 70   TCPA 66.66
First Class   Regional Engineering College (REC/NIT), Durgapur , India   Jun 1993

Bachelor of Engineering Degree Evaluation - Educational Credential Evaluators, USA

U.S. Equivalence: Bachelor's degree in Metallurgical Engineering
Grade Average: 3.50

ENGLISH LANGUAGE - Tests

Certificate of Instruction & Medium of Study - English		NIT, Durgapur, India Sep 1989 - June 1993		
Test Of English as a Foreign Language (TOEFL)			643/677	May 1995
Test of Written English (TWE)			6.0/6.0	May 1995
Vocabulary Test	Expert Rating, USA	70 %	67 Percentile	Dec 2005
Words & Phrases	Expert Rating, USA	75 %	78 Percentile	Dec 2005
Spelling Test	Expert Rating, USA	90 %	91 Percentile	Dec 2005
Sentence Structure	Expert Rating, USA	92 %	80 Percentile	Dec 2005
English Vocabulary Test	Skill Guru, USA	72.5%		May 2011
English Test	ESL, USA	35/40	Advanced –B2	Nov 2011

FUNCTIONAL CERTIFICATIONS

Financial Markets – A Beginners' Module		80 %	Apr 2006
National Stock Exchange (NSE), India			
Insurance Foundation Test		88 %	Aug 2011
Accenture, India			
Options Warm-Up		80 %	Oct 2011
Chicago Board Options Exchange, USA			

TECHNICAL CERTIFICATIONS – Oracle, SQL, PL/SQL, Forms/Reports & Tableau

Oracle D2K Programmer	Brainbench, USA 3.49/5.0		80 Percentile	Jun 2000
RDBMS Developer	Brainbench, USA 3.19/5.0		78 Percentile	Jul 2000
Oracle PL/SQL	Brainbench, USA 3.0/5.0		76 Percentile	Aug 2000
Oracle Forms 6.0	Brainbench, USA 3.24/5.0		75 Percentile	Oct 2000
SQL (ANSI)	Brainbench, USA 3.66/5.0		68 Percentile	Oct 2000
Oracle 8i PL/SQL	SkillDrill, USA	3.67/5.0		Apr 2001
Oracle Forms & Reports	SkillDrill, USA	3.67/5.0		May 2001
Foundation: Oracle 8i	SkillDrill, USA	4.11/5.0		May 2001
Sr. Oracle 8 Developer	IQuestMark, USA		80 %	Aug 2001
Oracle Forms 9i	ExpertRating, USA 2.9/4.0		82 Percentile	Feb 2007
Oracle SQL 9i	ExpertRating, USA 3.4/4.0		81 Percentile	Feb 2007
SQL Test	ExpertRating, USA 2.5/4		87 Percentile	Jul 2007
SQL Associate	CIU, USA	75 %		Jun 2010
Oracle 9i SQL	RankSheet, India	76 %		Jul 2010
Developer 2000	oDesk, USA 3.0/5.0		70 Percentile	Jul 2010
Oracle PL/SQL 9i	oDesk, USA	3.6/5.0	87 Percentile	May 2011
Oracle PL/SQL 10g	oDesk, USA	3.1/5.0	62 Percentile	May 2011
Oracle SQL 9i	oDesk, USA	3.5/5.0	82 Percentile	May 2011
SQL	oDesk, USA	3.0/5.0	80 Percentile	May 2011
Oracle	BroadBillS, India		70%	Sep 2011
Oracle Forms 10g	Brainbench, USA	3.79/5.0	89 Percentile	Sep 2011
SQL Oracle	NNE, India	80%	86 Percentile	Sep 2011
Oracle DBMS PL/SQL	NNE, India	80%	97 Percentile	Sep 2011
Oracle Certified Associate (OCA) – PL/SQL	Oracle, USA			Mar 2012
Program with PL/SQL	SkillSign, USA	73%	97 Percentile	May 2012
SQL Certificate	WisdomJobs, India	7/10		Jan 2016
Tableau Dashboard Techniques	Udemy, USA			Sep 2020
Data analysis w/ Tableau	Udemy, USA			Sep 2020
Tableau for Beginners	Udemy, USA			Sep 2020

PUBLICATIONS

Role of Rare-Earths in modern steel-making
KREC, Surathkal, India at the annual paper contest   Apr 1993
The Development and Application of Diamond-Like-Carbon Films
Journal of Metals, USA   Feb 1997
Surface Engineered Ceramics - An Improved lot
The American Ceramic Society Bulletin, USA   Apr 1997

PROFESSIONAL ORGANISATIONS – MEMBERSHIP

Student Member, American Society of Metals	(ASM)	1997
Student Member, The Minerals, Metals & Materials Society	(TMS)	1995 - 97
Student Member, The American Ceramic Society	(ACerS)	1996 – 97
Member, Society for Adv. of Material and Process Engineering	(SAMPE)	1996 – 97
Member, American Society for Engineering Education	(ASEE)	1997 - 98
Associate Member, Computer Society of India	(CSI)	2008

AWARDS/SCHOLARSHIPS/ASSISTANTSHIPS

R. D. Sethna Loan Scholarship, India	1995-96
R. J. Advani Loan Scholarship, India	1995-96
University Graduate Scholarship (UGS), University of Cincinnati, USA	1995-96
Teaching Assistantship (TA), New Mexico Tech, USA	1997
AIT Fellowship, Asian Institute of Technology, Thailand	2015-16
Grant, Auckland ICT Graduate School, University of Auckland, New Zealand	2017
Partial Tuition Scholarship, Dublin Business School (DBS), Dublin, Ireland	2017
20% Tuition - Scholarship, ESC Rennes, France	2017
HUBS PGT Marketing & Business Studentship, University of Hull, UK	2018
HUBS World Bank Studentship Marketing/Business, University of Hull, UK	2018
International Merit Scholarship Award, University of Chester, UK	2018
International Scholarship Award, University of Chester, UK	2018
International Student Masters Scholarship, Plymouth University, UK	2018
Vice Chancellor's Scholarship, University of Roehampton, UK	2018
Country Bursary, Northumbria University, UK	2018
University of Brighton International Scholarship, University of Brighton, UK	2018
TEF Gold Scholarship . De Montfort University, UK	2018
Professoriate Scholarship, University of Plymouth, UK	2018
Salford MBA Scholarship, University of Salford, UK	2018
Total Scholarship, Anglia Ruskin University, UK	2018
Robert Gordon University Postgraduate Award, Robert Gordon University, UK	2018
Swansea University Thrive Bursary, Swansea University, UK	2018
Ulster University International Scholarship, UK	2018
International Academic Excellence Scholarship, University of Bradford, UK	2018
Business School MBA Scholarship, Kingston University, UK	2018
College of Business Postgraduate Scholarship, University of Derby, UK	2018
Salford MBA International Excellence Award, University of Salford, UK	2018
20% Tuition - Global Leaders Scholarship - Deakin University, Australia	2018
MBA Scholarship, Aberystwyth University, UK	2018
Vice-Chancellor's Award, Sheffield Hallam University, UK	2018
International Bursary, University of Central Lancashire, UK	2019
Academic Excellence Scholarship, Bournemoth University, UK	2019
MBA Scholarship - Gold, Loughborough University, UK	2019
Academic Excellence Scholarship, University of Southampton, UK	2019
30% MBA Scholarship, University of Surrey, UK	2019
Postgraduate Award, Manchester Metropolitan University, UK	2019
Essex MBA Scholarship, University of Essex, UK	2019
Postgraduate Country-Specific Scholarship, University of Stirling, UK	2019

Vice Chancellor's Award Scholarship, University of Bradford, UK	2019
50 % Dean Schoalrship, University of Essex, UK	2019
Partial Scholarship, Durham University, UK	2019
Partial Scholarship, University of Bridgeport, USA	2020
We got US-F Scholarship, University of South Florida, USA	2020

EXPERIENCE

1> *Consultant*   Oct 16 – To Date
    Anit Technologies

- Created Bar (Interactive, Stacked), Line, Area, Pie, Bubble, Scatter and Waterfall Charts
- Formatted conditionally for highlighting of fields
- Incorporated Reference Lines and Bands onto a sheet
- Built interactive dashboards, reporting and visualizations to provide insights and make recommendations
- Created and developed Parameterized, Drill Down and AD Hoc Reports analyzing and rectifying issues within Tableau Server and dashboards
- Forecasted and trended lines for a Bar & Line chart
- Created Tableau Dashboards with interactive views, trends and drill downs
- Managed content on Tableau server like publishing workbook, scheduling jobs etc
- Used Actions for filtering, Highlighting and URL action
- Hands-on experience building groups, hierarchies, bins, table calculations, etc.
- Run regular training sessions to develop upcoming analysts across the organization
- Responsible in designing and developing dashboards to meet client requirements
- Establish standards and best practices for all dashboards to deliver a consistent branded Experience
- Responsible for conveying insights in an intuitive and compelling way to drive understanding and decision making
- Lead and mentor data visualization developers in information presentation and delivery
- Work closely with the lead architects to design and implement features based on best practices and best in class implementations
- Ability to conceptualize and build dashboards that are simple, visually appealing, yet showcase a powerful story using Tableau Desktop
- Problem analysis and troubleshooting issues with existing dashboards

 Client: Nynad Plc,UK

2> *Consultant*   Jan 12 – Sep 16
    Anit Technologies

Developed & Maintained 'Bank Processing System' application

- The runtime state of a serially reusable package is kept in the SGA rather than in UGA
- Used DBMS_SHARED_POOL.KEEP package to pin the subprograms into the shared pool
  - memory structure - for faster access of the subprograms
- Used user_objects, user_dependencies & IDEPTREE to help troubleshoot dependencies
- Row Chaining was detected in the I/O column of TKPROF. Overcome by increasing the PCTFREE value thereby increasing the performance of the system.
- SQL Access Advisor was accessed to help tune the schema and NOT just queries. Thereby, resulting in faster access of database objects in the schema

- Have the PLSQL_Optimize_Level to 2. As, the compilation of native code in 11g is about 60% that of 10g
- Triggers more than 60 lines of code were encapsulated in a Stored Procedure and called from the trigger. This increased the efficiency and resulted in faster running of the trigger.
- The ratio of GetMisses/Gets was more than 15%. So, we increased the memory of Data Dictioanry cache
- Used FORMS_DDL to create tables from the user interface
- Programmed subprograms such as SP/SF to a PL/SQL library so that it can be attached to different forms
- Structured Hierarchical Tree as an item in a block and used different tree properties like get_tree_property, set_tree_property, get_tree_selection, set_tree_node_property etc.
- Navigated between different forms which were opened using OPEN_FORM using PREVIOUS_FORM, NEXT_FORM and GO_FORM.
- Restricted the query only once programmatically by setting the ONETIME_WHERE property on a block
- Enabled Query and DML Array Processing to optimize the performance of a form
- Called a report from a form using RUN_REPORT_OBJECT function
- Reported on the data using Group Left, Matrix reports etc.

Client: Affin Bank, Malaysia

2> *Team Lead*   May 11 – Dec 11
Solutions Department, Accenture, India
- Maintained and supported 'Operational Risk and Control' (ORAC) application.
- Understood the functionality and flow of ORAC application by reading the system requirements: CSA, Policy, Risk Event, Risk Register and KRI modules and, 'How-To' User Guides: Action Plans, CSA, Policy, Risk Event and Risk Register.
- Read the 'Maintenance Strategy' and 'Support Guide' for better tackling maintenance and support related issues/incidents.
- Followed tips and techniques as outlined in the 'Problem Determination Guide' for handling maintenance/support - related errors, failures and problems.
- Tracked the progress of Knowledge Transfer (KT) in 'Daily' and 'Planned Sessions' trackers.
- Supervised subordinates in tracking their progress in the KT life-cycle (SL, JS, RJS)
- Created and assigned 5 'Workspace Administrator' role to my resources in UNIT (Development) and SYST (Production Support) environments for APEX applications using APEX tool.
- Prepared introductory slides for Oracle APEX
- Resolved incidents/problems/requests via USD as a Level 3 Support
- Created Technical design document for Report studio reports based on Functional specifications.
- Interacted daily with the client regarding modifications of the reports as per the requirement.
- Built Reports with value prompts, select and search prompts and involved in designing the Drill UP and Drill Down reports according to the customer needs.
- Developed List, cross tab, drill through, master-detail, chart and complex reports - which involved features such as Suppress, Drill-Up/Down, Multiple Prompts, Conditional formatting, Conditional blocks in Report Studio.

Client: Standard Life Assurance Plc, UK

3> *Team Lead*   Apr 08 – Jan 11
       Mehta Enterprises, India
- Analyzed, designed and built complex reports
- Table Partitions were compressed, resulting in less physical I/O improving the query performance
- In TKPROF, we witnessed higher values for CPU and elapsed time. And, as there was a large gap between the two, Physical I/O was higher in this case. This should be avoided.
- Created an index on 36 CPU server, hence the index was created 20 times faster
- Used APPEND hint for an INSERT command, resulting in 40% gains in running of the INSERT
- With PLSQL_Optimize_Level = 2, we inlined the subprograms using PRAGMA Inline. This resulted in higher performance of the subprograms
- As, the EXECUTE CPU and PARSE CPU were NOT less than 1 second, we tuned the Shared Pool, for faster execution & running of the SQL Statement
- Created intuitive and user friendly reporting environment, ad-hoc and static reports
- Developed daily, weekly and quarterly reports for the management team and field managers
- Customized reports using breaks, filters and sorts
- Developed some specific reports with concept of cascading and value prompts as per business requirements
- Created calculations and summaries in the reports
- Troubleshooted user issues while bursting the reports and delivery to mail box via email
- Designed and implemented reporting best practices, standards and procedures

Client: Mehta Enterprises, India

4> *Specialist,Technology Department*   Feb 06 – Sep 06
       Merrill Lynch India Technology Services (MLITS), India
- Supported and maintained 'Global Prime Brokerage' system
- Used APEX for converting forms and creating database objects
- In the V$Librarycache view, the ratio of RELOADS and INVALIDATIONS was above zero. It should be near zero for sizing the shared pool thereby increasing the memory area
- The query was taking more than 2.5 seconds, which is a drawback. Tuned the SQL statements which resulted in faster queries
- As, our application was DML centric, we changed the default log buffe size to 1 MB. Subsequently, we saw lower times for DMLs in the transaction.
- Used NOCOPY hint in OUT and INOUT parameter of a package as it will be passed by reference rather than passed by value resulting in a faster running of the package
- Implemented RETURNING clause as it reduced network round trips and less server CPU time.
- By Bulk Collecting, witnessed improved performance as compared to fetching row by row.
- Made use of Hash Clusters, as the Hash Key was referenced in the WHERE clause containing equality conditions. This resulted in higher performance

Client: Merrill Lynch, USA

5> *Deputy Consultant*   Apr 05 – Jan 06
       Computer Sciences Corporation (CSC), India
- Supported and Maintained 'Concert Inbound Service Order Entry (CISOE)' application
- Delivered modules with excellence, meeting timelines and committed quality levels
- Compressed Indexes, and it resulted in reducing storage space. It also resulted in less I/O trips when accessing data from these indexes

- Incorporated PLS_INTEGER and SIMPLE_INTEGER as number datatypes which require less storage and are faster and they use machine arithmetic. They are preferred over NUMBER which uses library arithmetic.
- Avoided constrained subtypes such as NATURAL, NATURALN, INTEGER, as they require additional checking at run time
- Drilled down reports using SRW.RUN_REPORT built-in
- Used sequences and PUBLIC synonym in the system
- Opened a form from another form using CALL_FORM and OPEN_FORM
- Explain Planned SELECT statements for optimising them
- Trained in 'Business Communication' skills.

Client: BT – Concert Plc, UK

6> *System Analyst*   Nov 00 - Mar 05
       Polaris Software Lab Ltd., India
- Developed and maintained Global Account Reconciliation Tool (GART).
- Analyzed indexes using ANALYZE command
- Created views to present data in a pre-determined format.
- While creating the database, we made sure the Tablespaces were locally managed as the performance is better than the obsolete dictionary managed technology
- As the table was NOT going to have updates, we made sure the PCTFREE was less as it can help prevent row chaining and row migration which are undesirable
- We used auto-incrementing columns (12c) to populate PK. This works better than writing code, triggers and sequences for populating PK
- Created PK out of line I.e. as a table constraint as it gives better flexibility. If we need to create composite PKs in the future
- Wrote a database trigger firing at before INSERT or UPDATE of a table
- Rebuilt the index, as the BLEVEL of the index was more than 4, increasing the index operation
- As, our queries were using FK in the WHERE clause of the SQL statement, we went ahead and created indexes for the FK
- Function-based indexes were created for SQL functions such as UPPER, LOWER for better performance of indexes
- Optimizer_Index_cost_adj's value is 100 by default. Set it between 10 and 30, achieving huge performance gains
  The cache size was 212 MB instead of the current 304 MB, then the number of physical reads increased by 74%. This should be avoided. So, increased the cache size to 334 MB as this decreased the physical reads by 7%.
- Used SRW.DO_SQL to add DDL capabilities to Oracle Reports
- Trained in 'Technical Writing'

Client: GE Plastics (GEP), USA

IT Experience between 1998 & 2000 is omitted to give clear and short CV.

Hobblies/Interests
- Soccer, Scrabble & Skating