

Sanjay Raut

BE Instrumentation.

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Objective:

As an accomplished Sr. MCS *Consultant in Microsoft Corporation* (Microsoft SQL server), demonstrated success in designing and implementing database and BI solutions that improve business functionality. To help customers ensure that their deployments of Microsoft products are healthy and help them to do more, achieve more.

Profile summary:

Sixteen (16 plus) years of experience in IT industry with very strong technical knowledge (MS SQL Server and BI, Hadoop, IIS) have nurtured me as a foresighted, dedicated, self-motivated achiever; focused leader who is committed to success and has ability to handle multiple tasks in high pressure client facing environment. Proven ability to implement technologies that decrease costs, increase performance and positively affect the revenues. Architecting and consulting on some of the complex database and Cube design issues to provide optimum performance is my specialty. Through trusted advisor relationships and through the optimization and successful implementation of technology, I help to accelerate customer adoption and productive use of database products. Skills to interact with people at all levels both internally and externally has ensured the development of good business relationships. Capable of building highly motivated teams that are conscious of their part in improving productivity and quality.

Key Accomplishments:

Awards and Recognitions

- Runner up for Circle of Excellence in FY 2014
- Microsoft CPE Champion
 - FY14 Q4
- Great People Great Performance
 - FY13 Q2
 - FY11 Q1
 - FY10 Q1
- Architect of Customer Excellence ACE award - For Best Team
 - FY08
- Spot Award for Ramp up training efforts
 - FY08
- Architect of Customer Excellence ACE Award - Individual
 - FY06

Case Studies / Customer Stories Published:

Following are the case studies / customer stories, where I was directly involved in the project end to end.

- Dell Inc. Enhances Business Productivity and Platform Stability by Enhancing Dell SQL Performance Assessment Tool 2.0 with Premier Support Guidance
http://www.microsoft.com/casestudies/Case_Study_Detail.aspx?CaseStudyID=710000003702
- Infosys upgrades to SQL Server 2012 to ensure high performance for its mission critical OLTP and BI applications and availability at low costs
<https://customers.microsoft.com/Pages/CustomStory.aspx?recid=19371>
- The face of company Infosys.com site is hosted on Microsoft Azure Cloud IaaS environment. I was involved with design review, implementation and support of this environment which includes Always On implementation in IaaS environment across data centers in two different time zones.

Technical Certifications:

- MCDBA for SQL Server
- MCITP for SQL Server 2012
- ITIL foundation.

Technical Skills:

RDBMS	: Microsoft SQL Server and Business Intelligence including Hadoop on Windows HDInsight (till SQL2014). Currently learning PDW.
Application Servers	: IIS 6.0, 7.0, 7.5, SSRS.
Specialization	: Consulting for DB design issues and Performance tuning for Database engine, SSRS, SSAS, SSIS and IIS web applications.
Operating Systems	: Windows 8/7, All Windows servers till 2012 R2
Administration	: Microsoft SQL Server and Business Intelligence (till 2012) that includes Analysis Services AS, Integration Services IS, Reporting Services RS, IIS 6.0, IIS 7.5

Academic Qualification:

- BE Instrumentation. Mumbai University.
- Diploma in Telecommunication Engineering Mumbai Board.

Professional experience Summary:

- **Microsoft Corporation (India) Pvt. Ltd.** (Oct 2015 –Till date)
Designation: Sr. Consultant - MCS
Technology: Microsoft SQL Server, Analysis Server, Reporting Server, Integration Server, Hadoop / Microsoft HDInsight and IIS.
Domain: Designing and implementing SQL in Cloud IaaS. Designing Data Warehouse for IT enabled Service industries.
- **Microsoft Corporation (India) Pvt. Ltd.** (Feb 2008 –Oct 2015)
Designation: Sr. Premier Field Engineer
Technology: Microsoft SQL Server, Analysis Server, Reporting Server, Integration Server, Hadoop / Microsoft HDInsight and IIS.
Domain: Cloud implementations, OLTP and OLAP consulting for many domains like Capital Market, Finance, Banking, IT, Order processing etc.
- **Microsoft India(R & D) Pvt Ltd** (Nov 2004 – Feb 2008)
Designation: Technical Lead / Support Engineer for MSSQL Server.
Technology: Microsoft SQL Server 7/2000/2005/2008 Beta.
Domain: Product Support.
- **tcgivega Software Services Pvt. Ltd.** (Jan 2004 – Nov 2004)
Designation: Lead Database administrator production support.
Technology: Microsoft SQL Server 7 / 2000.
Domain: Finance, Mortgage, Banking.
- **National Securities Depository Limited (NSDL)** (Jan 2001 – Jan 2004)
Designation: Sr. Officer Production, Monitoring and Control (PMC).
Technology: Microsoft SQL Server 7 and SQL 2000.
Domain: Capital market.
- **ABM Computers.** (Nov 1999 - Jan 2001)
Designation: Software Developer
Domain: Ledger and Book keeping.

Professional Experience:

- **Microsoft Corporation (India) Pvt. Ltd.**

www.microsoft.com/india

(Feb 2008 –Till Date)

Role: Senior Consultant

Tenure: Oct 2015 – till Date

Client: Infosys Technology.

Projects:

1. Sales and Marketing unit **Infosys moved from traditional native application to CRM Online**. Where all the sales and marketing activities would be accomplished using CRM Online. **The Sales Dashboard for this CRM Online solution is built on Azure Power BI Service**, where **I was involved with end to end design and implementation** of this Hybrid analytics scenario with on premise Tabular SSAS model and Power BI reports and Dashboards in Azure.
2. The face of company Infosys.com website is hosted in Microsoft Azure which also involves Disaster Recovery scenarios. The current architecture is in SQL Server 2012 and Infosys wanted to move it to SQL server 2014 with re-architecting some of the DR components. I was involved with review of the design and testing the pilot phase for this design.

Client: Mindtree Ltd.

Projects:

1. Designing and developing Enterprise data warehouse using bus matrix architecture.
 2. Currently developed and deployed model for the People function while models for Project Delivery Excellence, Talent Acquisition and Talent Management are under construction.
 3. Implemented People function model using Power BI Service. Currently also working on upgrading their BI environment to SQL 2016 so the new features could be utilized in the model.
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Role: Senior Premier Field Engineer (Dedicated Engineer)

Tenure: Mar 2013 – Oct 2015

Client: Infosys Technology.

Achievements:

1. **Runner up in the FY14 Circle of Excellence (COE) Platinum Club Awards. As a result awarded a Sales Marketing and Services Group (MSG) CPE Champion Award worldwide.** This award is given **for my exceptional customer delivery and mentorship as a Dedicated Support Engineer (DSE) at Infosys**, realizing product upgrades and

growth in the account; contributing to the DSE delivery excellence practice through mentoring.

2. Being instrumental in Planning, Designing and Implementing SQL server 2012 by migrating from their current infrastructure of SQL 2008 and R2. The entire Infosys business support environment is upgraded that includes OLTP / SAP / SharePoint / BI workloads.
3. *Automated and Implemented Disaster Recovery* for SQL Server used in TFS 2013 farm for their environment which includes handling marked transactions. The Farm hosts more than *1000 SQL DBs which are automatically Log shipped using marked transaction to DR site.*
4. Implemented Unified Monitoring and Analysis Program for SQL Server that helped reduce incidents as well as improve overall performance for DB landscape.
4. The Service is provided for monitoring SQL Servers ranging from SQL Server 2005 to SQL Server 2012 in the Production environment which includes one of the biggest and complex OLTP SQL Cluster implementation

Case Study Published:

[Infosys upgrades to SQL Server 2012 to ensure high performance for its mission critical OLTP and BI applications and availability at low costs](#)

<https://customers.microsoft.com/Pages/CustomerStory.aspx?recid=19371>

Responsibilities:

Working with Infosys Technologies Ltd as a Microsoft Dedicated Support Engineer is more focused on proactive services. These services include but not limited to

1. Providing advisory on planning and Designing of SQL Server 2012 Migration for backend database servers of many different workloads like OLTP, BI, SharePoint, SAP etc.
2. Creating automation for Disaster Recovery, implementing new ideas for DR.
3. Working closely with account team on enabling certain new feature / product's POCs and helping increase overall market share for Microsoft.
4. Providing SQL Server Product guidance for feature implementation.
5. Carrying out health check of the SQL Servers which are critical to the business
6. Providing trainings to the ground staff on advanced topics of performance tuning, disaster recovery, BI etc.
7. Reviewing some of the processes from Infosys and suggesting improvements
8. Reviewing Database Designs for an application and suggesting changes for Performance enhancement.
9. Proactively reviewing code for performance tuning or any hiccups.

Overall being a trusted advisor for the customer to increase overall CPE and thus increase overall revenue for Microsoft.

Role: Senior Premier Field Engineer (Dedicated Engineer)

Tenure: Jul 2012 – Feb 2013

Client: DELL COMPUTER CORPORATION

Achievements:

1. Received **Great People Great Performance Global award** that is given quarterly at global Microsoft level for excellence in customer support for the work in Dell as a Dedicated PFE.
2. Created custom SQL Server Performance Monitoring Solution for Dell Production Database Servers which include the crucial Dell Configuration Database.
3. The Solution is deployed to monitor more than ~1000 SQL Servers ranging from SQL Server 2005 to SQL Server 2012 in the Production environment.
4. Implementing SSAS Model to help capacity plan the servers for future growth.

Case Study Published:

[Dell Inc. Enhances Business Productivity and Platform Stability by Enhancing Dell SQL Performance Assessment Tool 2.0 with Premier Support Guidance](http://www.microsoft.com/casestudies/Case_Study_Detail.aspx?CaseStudyID=710000003702)

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Responsibilities:

Working with Dell Computer Corporation as a Microsoft Dedicated Support Engineer is more focused on proactive services. These services include but not limited to

1. Providing SQL Server Product guidance for feature implementation
2. Carrying out health check of the SQL Servers which are critical to the business
3. Providing trainings to the ground staff on advanced topics of performance tuning, disaster recovery etc.
4. Reviewing some of the processes from dell and suggesting improvements
5. Reviewing Database Designs for an application and suggesting changes for Performance enhancement.
6. Proactively reviewing code for performance tuning or any hickups.
7. Implementing **monitoring solution for ~1000 production servers** that also help in capacity planning as well as RCA for any historical issue.

Overall being a trusted advisor for the customer to increase overall CPE and thus increase overall revenue for Microsoft.

Role: Premier Field Engineer (Dedicated Engineer)

Tenure: Feb 2010 – June 2012

Client: ICICI Bank Ltd.

Achievements:

1. Received **Great People Great Performance Global award** that is given quarterly at global Microsoft level for excellence in customer support for the work in ICICI as a Dedicated PFE.
2. **Spot award winner** for dedicated role in ICICI.
3. In my tenure Microsoft is listed as one of the **Best Vendors for support in ICICI Bank.**
4. Designed and Implemented Partitioning for one of the very critical application which reduced the downtime for the application from 3-5 hours daily to 15-30 minutes daily.

5. Reviewed Data Warehouse design and Tuned Performance for SSAS Cube Processing for Internal Project for Bank.
6. Implemented multiple Best practices in ICICI for their Database and Web Servers.
7. Helped the ICICI Bank in their Data Center Migration Project. Where migration of 2000+ servers has to be done from Mumbai data center to Hyderabad.
8. Reviewed and implemented hardening process for the ICICI Bank for database and web servers.
9. Multiple time tuned Queries for SQL Server and Aggregation designs for SSAS cube.

Responsibilities:

1. I am the face of Microsoft in ICICI Bank. Working as Dedicated Field Engineer for troubleshooting issues on Thousands of SQL Server Database products, SSAS and SSRS Projects and IIS Web servers.
2. Providing full time onsite support for all the critical activities like database migration, IIS migration, Performance issues on web site, database servers or SSAS.
3. Implementing Best practices for SQL Server and IIS to make sure the systems are up and running 24*7.
4. Proactively taking part in critical implementations of any high importance database, SSAS, SSRS or IIS projects.
5. Helped Bank's Application Dev team for reviewing Data Warehouse design and SSAS Dimension Model for their internal Projects.
6. Working on DW Performance tuning and SSAS Cube processing performance tuning
7. Helped Dev team implement Push reports via email for Sr. Management.
8. Delivering Performance tuning trainings to internal teams of ICICI for SQL and SSAS.
9. Proactively carrying Health checks for SQL and IIS servers for any risks and reporting those risks in Upper Management review meetings.
10. Proactively identifying weak areas for the level 2 and level 3 in house support of ICICI Bank and conducting in-depth training sessions for the engineers in ICICI Bank on SQL, SSAS and IIS for their better Ramp up on the product and thereby reducing time to resolve the issue.
11. Providing latest and greatest information to the senior management about the new product releases for SQL and IIS.
12. Evaluating and demonstrating new features from the product which will help ICICI Bank to keep their Uptime to the max and with best performance.
13. Periodically reviewing the hardening document and providing regular feedbacks and amendments to it.
14. Take up any new projects in ICICI and be the trusted advisor for the Bank in those new projects by providing proper consultation and guidance.
15. Providing regular updates on any vulnerabilities Microsoft detects and issuing information on latest updates from MS.
16. Coordinating with Microsoft support for any issues other than SQL and IIS.

Role: Premier Field Engineer.

Tenure: Feb 2008 - Feb 2010

Client: Transactional / Any

Achievements:

1. Received **Great People Great Performance Global award** that is given quarterly at global Microsoft level for excellence in customer support.
2. Received **Multiple Spot awards for excelling in Proactive and Reactive business** which increased indirect revenue for Microsoft.
3. Got numerous accolades from peers as well as customers for excellence in delivery.
4. Helped Infosys team in Benchmarking their Product for performance.
5. Worked with multiple customers in critical Business down situations to help them fix the issues and bring the business back to normal.
6. Became Master trainer in Analysis Services for Asia and an SME for Analysis Services. Have trained multiple PFEs and peers for providing appropriate training and certified them as trainers.
7. Developed 5 new Intellectual Properties in SQL Server by designing and Developing content for the Workshop deliveries and accredited as a WorkshopPlus trainer for Microsoft.

Responsibilities:

1. Take ownership and provide database solutions in Microsoft SQL Server (2008 / 2005 / 2000), SSRS and SSAS (2008 / 2005).
2. Partnered with customers to implement technologies and features in SQL Server that decrease costs, increase performance and positively affect the bottom line.
3. Architecting and consulting on some of the complex database and Cube design issues to provide optimum performance.
4. Participated and reviewed the plans for production deployments. The tasks include contribution in designing deployment instructions. Selection of appropriate resource to deliver results.
5. Provide management metrics of the team work loads and share the same with the team.
6. Helped customers by carrying out SQL Risk Assessment Programs for their critical SQL Servers and providing remediation services there by the associated risk is mitigated and acted upon. This activity involves looking at the server right from configuration, security and performance perspective to help provide best guidelines and solutions that will help customers run the business with minimum downtime.
7. Provide level 350 – 400 training to customers under workshop plus on SQL Server database Engine, Reporting Services, Analysis Services 2008 / 2005 / 2000.
8. Helped customers solve some of the complex dimension design and cube design issues and provide better processing performance for Analysis Services.
9. Worked with many customers some of them which involve Performance engagements are Infosys, Xenolith, GOK, Max NY, Wipro, Accenture, Cognizant etc.
10. Certified to deliver the SQL Server Risk Assessment Program (SQLRAP); SQL Performance Tuning Optimization, SQL Server Clustered Services
11. Currently Master trainer at Asia level for SQL Server Analysis Services. Holding responsibility to certify trainers by judging them on the delivery and knowledge.
12. Developed Workshop for Asia level on SQL Server Reporting Services, SQL Server

for Database Developers, SQL Server Analysis Service

- **Microsoft India (R & D) Pvt. Ltd.**

www.microsoft.com/india

(Nov 2004 – Feb 2008)

Role: Technical Lead / Support Engineer.

Achievements:

1. Received **Architects of Excellence Global award** that is given quarterly at global Microsoft level for excellence in customer support.
2. Received **Best Team award for my team when I am a Technical Lead** for the team handling team of strength 10-12 Support engineers.
3. Received **2 times Spot awards for excellent support** to the customer on complex issues in Reactive business which helped turn around the unhappy customer to the very satisfied one.
4. Got numerous accolades from peers as well as customers for excellence in troubleshooting and readiness.
5. Received **Readiness award from the SQL Group for the readiness efforts** carried out during the team shuffles and for new hires training.
6. Worked with multiple customers in critical Business down situations to help them fix the issues and bring the business back to normal.
7. Revamped entire Ramp up training for the new hires in SQL Server team.

Responsibilities:

1. Successfully resolving SQL Server problems in conformance with SLAs, which involves in-depth knowledge of SQL Server architecture (2008 / 2005 / 2000).
2. Working on multiple Performance Tuning exercises for customers to help them tune there queries / stored Procs and sometime overall SQL Server.
3. Working on different exception handling mechanism and internal code of SQL Server to Debug it and find the issue related to SQL Server.
4. Worked with many customers to help them come out of Corruption and Database suspect issues also helped them salvage their business data when needed and possible.
5. Provide training to internal SQL team members on handling database corruption issues and how to solve them.
6. Driving Customer Partner Experience within team and across the group by providing constant feedback to the group managers and team members about the team's performance and overall group performance.
7. Collaborating with engineers within different technology clusters to resolve issues that need expertise from multiple specialties.
8. Conduct Internal team as well as SQL Group level triages for knowledge building and keeping everyone aware to the latest and greatest issues.
9. Conducting level 3 Interviews for the post of Support Engineer.
10. Developing / Delivering Readiness and Ramp-up training to new hires.

- **TCG-iVega Software Services Pvt. Ltd.**

www.tcgivega.com

(Jan 2004 – Nov 2004)

Role: Lead DBA production support

Client: [Option One Mortgage Corp.](http://www.oomc.com/) : <http://www.oomc.com/>

Achievements:

1. Implemented monitoring of offshore activities by automating job alerts, failure notifications and accumulating all the details centrally to one server for reporting.
2. Introduced performance tuning on OLTP and OLAP databases showed remarkable results.

Responsibilities:

1. Take ownership and provide database solutions in Microsoft SQL Server (version 7.0, 2000) during production support.
2. Implement DBA skills basic as well as advanced to provide immediate and absolute database solutions.
3. Avoid escalations and action time critical issues in production environment, ensure 0% downtime globally.
4. Install SQL server versions 7, 2000 on both cluster and non-cluster environments.
5. Disaster recovery planning, documenting and implementations for SQL server databases (SQL 7, 2000).
6. Creating maintenance Plans for SQL databases. Implement daily data housekeeping jobs.
7. Proactive periodic Checking of Database Consistency across all production SQL databases.
8. Implementation of Query tuning techniques for SQL databases.

- **National Securities Depository Limited.**

About NSDL

NSDL is the first Depository in India and one of the 12th all over the World, which commenced its operations on 8th Nov, 1996. It's promoted by NSE, UTI, IDBI and SBI to provide facilities for holding and handling Securities in electronic form. Stock exchanges, Banks, FIS, FIIS, stock brokers are major clients of NSDL.

(Jan 2001 – Jan 2004)

Role: System Officer.

Achievements:

1. Remote Scripts Invocation and Execution from central server to the servers at around 350 Locations across India with an Automation to execute till all the servers are addressed and then generation of reports for health auditing.
2. Automation of Recreation of Corrupt SQL Server by Point in Time Restoration of Database and Transaction Log backups and then Exporting the data from the IBM – Centralized database and Importing the same to the SQL server. Further reconciliation of data for its correctness.
3. ***Implemented High availability mechanism for Production Servers in SQL Server 7.0***

through Creating Automated Log shipping in which we have developed an auto copy feature for transaction log backups and auto restore function for the same on the remote server through LAN. This feature is still in use with many business Partners like National Stock Exchange, Bombay Stock Exchange and major Banks like ICICI Bank, HDFC Bank, Kotak Bank, Stock Holding Corporation of India.

4. Recreation of corrupted databases.

Responsibilities:

1. Manage team supporting MS SQL server databases.
2. Co-ordinate with Business, Network, QA and Development teams to ensure uninterrupted and quality support.
3. Interact with business partners (external customers includes Stock exchanges, Banks, Custodians, Stock brokers) on system and performance improvement techniques.
4. Provide management with data growth rate projections for SQL server databases.
5. Plan proactively maintenance activities in production and co-ordinate with business and other stake holders for proposed outages during maintenance in production.
6. Work on Database recreation techniques to recreate the corrupted databases.
7. Plan and action database archivals on SQL server databases.
8. Take ownership and provide database solutions in Microsoft SQL Server (version 7.0, 2000.) during production support. Support more than 1000 database in SQL server (SQL 7, SQL 2000)
9. Plan and action version upgrades and new releases very specific to NSDL applications.
10. Develop competitive and healthy team environment. Create redundancy among the team members and eliminate indispensable roles.
11. Provide management metrics of the team work loads and share the same with the team.
12. Participate in plans for production deployments. This includes resource and time allocations considering metrics from QA environments.

• **ABM Computers.**

(Nov 1999 - Jan 2001)

Role: Software Developer

Responsibilities:

1. Involved as developer handling I/Os & File System in C++ and VC6.
2. Creating classes and structures for different types of ledgers and books to save the data in file.