

# RESUME

## SURESH MANGALGI

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**Suresh Mangalgi** has a total of above **22 years** of experience as a Technology Executive leading large teams for handling large IT customers in the areas of Cloud Computing, IT Infrastructure, Advising on Technical Design & Development, Implementation and Optimization from Pre-Sales through Go-Live & Service Delivery stages with on-premise as well as private & public cloud Oracle implementations. Program & Project management. Revenue TCV of 50M USD. Account relationship and P & L for accounts. Experience with Captive Service delivery centers, monitoring costs IT budgets. Geographies covered for customers include North America, Europe and Asia Pacific.

Experienced in managing, guiding & leading DBA & Development teams in the area of Oracle Database Performance & Tuning & capacity planning for large Corporations of large Oracle databases(upto 30TB) with Oracle Applications, Fusion,FMW, SOA 11.5.x, R12 environments and 9i, 10g, 11g, 12c, 18c **Exadata** with Systems Integration experience with multi-tier architecture and load balancing Network routers like BigIP.

**Executive MBA from Indian Institute of Management, Calcutta(2014-2015)**

**Oracle Corporation US & India. December 2000 till date.**

Working in different roles with various divisions within Oracle including Server Technologies division & North America Consulting division guiding & leading Development & DBA teams with Database Performance Initiatives:

**Current Role - Product Development IT Server Technologies- Internal Position(2008 till date):**

Primarily involved over past 15 years in managing, guiding & leading DBA & Development teams working on large production databases upto 30 TB in size in the areas of performance tuning, space management & capacity planning, handling fragmentation and reducing overall resource consumption in areas of CPU, memory, Disk IO, disk space, bandwidth, resulting in large savings to the organization by avoiding expensive system & infrastructure upgrades. Includes on-premise as well as private & public cloud implementations.

Tracking down most expensive processes based on cumulative usage of LIO, PIO, shared memory usage & providing performance recommendations for those processes bringing down overall resource usage & load on the system. Proactively keeping the system healthy as well as addressing specific performance issues of users & business.

Very well versed with comparing plans from AWR, cache & plan tables & creating profiles for the best available plan manually as well as using scripts and tools like EM. Also familiar with load testing tools. Logged several performance enhancements & bugs for product improvement over the years and regularly work very closely with development teams on complex performance issues.

Guiding development teams to write code efficiently and optimally from Database Performance perspective. Also involved in regular Database Re-Org & Space Review. Working with AWR, TKRPOF, RMAN, ASM tools and Dataguard.

Worked with major multinational and US corporations which include:

- Oracle Corporation.
- ALCOA Inc (Aluminium company of America).
- Agilent Technologies.
- Perot Systems Corporation.(now Dell)

**Key Business Domain & Technology Knowledge Areas & Strengths:**

**Technology areas:**

- Oracle Database Performance & Tuning for large Corporations.
- Performance Tuning of Large OLTP Databases(upto 30TB). □ Space management & capacity planning □ Fusion, FMW, SOA.
- Oracle Applications and Database Administration.
- Oracle Applications, ERP & CRM.
- Database design. (Including logical & Physical) □ Development of modules, interfaces & reports.
- Data Conversion & Migration from legacy systems.
- Application and relevance of technology into real time solutions.
- N-tier Systems Architecture.
- Database & Application servers, load balancing, network routers.
- Automation areas and Scripting.
- Soak testing solutions in lower environments.
- Extensive Development in the areas of PL/SQL. Writing and debugging complex Oracle SQL queries. Understanding the requirements. Debugging and Analyzing output data and verification etc.
- Oracle UI Development with Oracle forms. Reports development using Oracle reports.Reports using character based Pro\*C programming with embedded SQL.
- Conversion of data from legacy systems to Oracle database. Use of tools like SQL\*Loader.Database and table and Index logical and physical design.
- Vast Experience of Large Oracle Database Performance & Tuning & capacity planning.
- Knowledge in the infrastructure areas like OS level resource configuration and installation and configuration of databases and backup and recovery, troubleshooting Oracle database issues, Knowledge of middle tier technology stack areas like Oracle Application server and Weblogic server and load balancing using routers like BigIP.
- Database Administration (DBA) Experience Oracle databases 9i, 10g, 11g, 12c, 18c Exadata (upto 30TB) with Oracle Applications 11.5.x, R12, Fusion, FMW, SOA env, Systems Integration experience, multi-tier architecture, load balancing Network routers like BigIP. Automation using unix cron, EM and other tools and using shell, awk, sed scripting.
- Technology used: Oracle RDBMS 7.x to 9i, 10g, 11g, 12c, 18c Exadata, Oracle Applications 11.x to R12, Oracle Developer Forms 4.5, 3.0, ReportWriter 2.5, Pro\*C 1.6. SQL\*Loader, Export/Import. AWR, TKRPOF, RMAN, ASM tools and Dataguard.

**Knowledge of several Business industries below.**

**Finance & Accounting. (Balance sheet, Cost ledgers, P&L etc)**

□ **CRM (Siebel & other systems).**

- **Manufacturing.**
- **Supply Chain Planning, Inventory.**
- **Capital markets (settlement processing module, profit worksheet using FIFO, LIFO and weighted average methods, short term trading reports**

**EXPERIENCE SUMMARY:**

**October 2008 - PRESENT**

**Principal Systems Consultant, (Product Development IT Server Technologies) Internal Position. (Technical Director role) Oracle India Bangalore**

- Performance tuning & management of over 27 production Oracle databases and above hundred pr-production and test environments.
- Including Oracle Fusion Applications production environments, Build, Implementation & support stages.
- Identifying high CPU usage & IO bottlenecks and resolving those with appropriate solutions.
- Systems Architecture, Integration, Oracle Applications DBA, Database Performance tuning Specialist. 10g 11g R12. Also involved with Siebel Hyperion environments.
- Working Closely with Oracle Product Development to improve performance of Oracle Products by logging bugs & enhancements.

**July 2004 - October 2008.**

**Senior Principal Consultant, (North America India Operations Global Service Delivery) North America Consulting. Oracle Corporation.(US, India, Bangalore)**

**Clients:**

ALCOA Inc (Aluminium company of America. (Feb 2005 till Oct 2008)

Agilent Technologies Inc. (July 2004 to Feb 2005.)

Main OLTP Instance 11.5.10: Monitoring and improving the performance of various processes, programs and forms etc in a 11.5.10 OLTP instance with Oracle database 9.2.0.5 as well as other associated instances like ASCP (Planning) and GDW (Warehouse).

Working on Production and pre-production of global instances of external customers (major US and Global Corporations like Alcoa Inc, Alcoa Europe, and part of global production Perf DBA team supporting the customer.

Performance tuning DBA jobs includes tracing badly performing programs, and investigation major performance issues both with database and application servers and making performance improvement recommendations like indexes and code changes etc. Proactive production monitoring to catch processes and programs, which may be causing performance issues.

Identifying top most resource consuming concurrent programs which are using the system resources and time most & trying to identify any related problems with these programs and providing appropriate solutions for such programs to reduce the runtimes to reduce the overall load on the system

Handled critical areas like Performance tuning of large databases. Driving Several ongoing improvements for like Database REORG, table and indexes identification for rebuild, Programs & Process improvement. Worked to resolve several day to day and month end/YEAR end issues. Identifying the topmost fragmented tables & indexes & other issues with storage parameters of such objects which may be causing the issues and planning rebuild of such objects.

**Senior Consultant, (Global Systems Architecture, AppsIT) Internal Position.**

**Dec 2001 - July 2004.**

**Oracle India Bangalore.**

Working as a lead with a team of 10 members (Asia Pacific - APAC region) for handling all DBA & Web Applications Services responsibilities on Global Production & Preproduction instances of Oracle Applications 11.5.x. Extensive experience with multi tier architecture of Oracle Applications.

Complete Database and Middle tier configuration including Autoconfig implementation & Oracle Applications 11.5.9

Working extensively with BIGIP network routers (F5 Networks) to load balance URLs, middle tiers & increase fault tolerance. Coordination between global teams APAC, EMEA & Americas for 24x7 support & Oncall support.

Involved in standardizing Linux build for uses as middle tiers in Oracle Applications 11i environments, which included OS configuration, kernel & system parameters, Memory requirements, Swap space, Disk space. NFS and Netapps configuration.

Multi tier installation of Oracle Applications 11.5.x on Unix & Linux platforms. Database software installation & Upgrades. (806, 817 - 9i)

24x7 Monitoring automation which includes site or URL monitoring, web servers, database servers, unix servers, filesystem monitoring using OEM, Alerts, sitescope etc

Handling Database issues, locks, enqueues, iAS, Forms, Discoverer4i, Report Server, Portal troubleshooting, jserv debugging. NFS, Netapps issues. DB Password change across entire environments. Unix Shell, awk, sed scripting & automation activities.

Monitoring Services queues for Service Requests from internal & external customers and assigning appropriately for resolution, Adding space to dbs, Resizing, Troubleshooting, listener configurations, Web servers troubleshooting, WebCache installation migration. etc.

Working with functional teams to understand global issues, requirements & implementation. Basic Oracle Applications 11i sysadmin responsibilities.

Also Involved in Unix/Linux System administration & Linux standardisation. Have knowledge & training of Unix Internals.

*Worked with global teams in APAC, EMEA & Americas regions. Played a vital role in Oracle Corporation's very own internal global single Applications 11i instances (GSI, CRM, SRV) implementation, maintenance & process cum architecture enhancement/improvement over the past few years.*

**Platforms: HP-UX B.11.11, SunOS 5.6, RedHat Linux 2.4.9-e.12 Enterprise, Oracle 9iAS 1022, Oracle Applications 11.5.x, Oracle Database 806, 817, 9i.**

Designation: Senior Consultant

Dec 2000 – July 2001. Oracle Corp. Reston VA USA.

Advanced Technology Center. Demo Services. North America Consulting.

- As a member of DEMO services configured and installed Oracle Application environments with databases for customer demos and customer pilots.

Designation: Oracle DBA & Programmer Analyst.

MEI Software Systems, Reston VA USA

Sep 1998 – Dec 2000

- Worked as an Oracle Database Administrator and Programmer Analyst for multiple customers and brought in maximum efficiencies in performance tuning and capacity planning. Resulting in adding multiple new customers.

Designation: Software Engineer.

World Access Information Technologies, Reston VA USA

Feb 1998 – Sep 1998

- Worked as a Pro\*C programmer and Oracle Forms and Reports Developer with a major multinational client located at Reston VA USA. Project involved Developing forms, screens and reports as well as data conversion from legacy systems to Oracle Databases.

Designation: Software Engineer.

Business Integration Systems India Pvt Ltd. Mumbai/Pune India

Sep 1996 – Sep 1998

- Worked as a Pro\*C programmer and Oracle Forms and Reports Developer with major multinational finance sector clients located primarily operating at Bombay Stock Exchange India. Project involved Developing forms, screens and reports as well as data conversion from legacy systems to Oracle Databases.

Designation: Trainee Engineer.

Business Integration Systems India Pvt Ltd. Mumbai India

Sep 1995 – Sep 1996

- Worked as a Database programmer and Forms and Reports Developer with major multinational media & advertising clients located at Mumbai, India. Project involved Developing forms, screens and reports as well as data conversion from legacy systems to Databases.

Education:

Senior Management Program (2015), (Equivalent to Executive MBA course)  
Indian Institute of Management Calcutta. (IIMC)

Bachelor of Engineering (Electronics), PREC (Pravara Rural Engineering College) Loni, University of Pune, India (1996)

Languages Fluently Written and Spoken: English, Hindi, Marathi

Languages Spoken: Kannada

Languages Elementary: German/Deutsch. (High School educated)

Passport Validity: 2028