

MR. ANAND NAGARAJU

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email: anandnagaraju@outlook.com**EXPERIENCE SUMMARY**

Accomplished Senior IT executive approx with 18 years of experience in IT Operations management and over 14 years with RDBMS & NoSQL Databases like (Oracle, Microsoft SqlServer, MySql, PostgreSQL, Maria DB, Amazon Aurora,)(Amazon Redis, Memcache, Dynamo Db, Microsoft Cosmos Cassandra, Hbase, CouchDb, MongoDB, Neo4J, Amazon Neptune) Exadata X6-2 X6-8, AWS, Microsoft AZURE, Docker & Kubernetes, Devops, Ansible

As a Senior Cloud Consultant Strategizing, designing and implementing highly efficient solution on Public Cloud (Amazon Web Services, Azure or GCP) for security, resilience, performance, networking, availability, Blue-green deployments in context of business application. Created vision, Datacenter Migration on Exadata, Strategy, Execution roadmap, controlled, supervised and evaluated all the operations related parameters for a high-touch delivery practice that supports Oracle Managed Cloud services. As a Director, responsible for global delivery teams spanning US & India which provides end to end infrastructure solution of Fusion Applications Managed Services for Banking, Mobile, Retail customers products deployed on private and public cloud technology platforms.

Delivery of ITIL-modeled infrastructure, application & database management services to Banking customers. Delivery ownership across complete technology footprint for the customer and through all lifecycle phases – Migration from On-Premise to Cloud, S/w Installation (Provisioning), New implementations, Production cutover, Post-production support & Software Upgrades. Services include architecting, deploying and managing Fusion Applications on a cutting-edge, virtualized, Cloud infrastructure Platform including Oracle's EXA Engineered systems.

ACADEMICS

MBA (Project Management) from UBI, Brussels, Belgium

TECHNICAL SUMMARY

SKILLS	TOOLS
OPERATING SYSTEMS	Linux, AIX, Sun Solaris, Windows 2000 - Windows 2016 Server, HP-UX
Cloud Technologies	Amazon Web Services, Microsoft Azure, Google Cloud Platform, Oracle Public Cloud, Rackspace Cloud
RDBMS DATABASES	Oracle 8i, Oracle 9i, Oracle 10g, Oracle 11g & 12c Database, OEM 13C, Microsoft SQL Server, PostgreSQLs
NOSQL DATABASES	Redis, Memcache, DynamoDb, Cassandra, Hbase, CouchDb, MongoDB, Neo4J
DATABASE TOOLS	SQL, PL/SQL, TOAD, SQL Loader, imp/exp, impdp/expdp, SQL*Plus, RMAN, RMAN, Golden Gate, RAC, DATAGUARD and ACTIVE DATAGUARD, Flex ASM, Flex Cluster, Cassandra OEM, Solr, APEX
STORAGE	EXADATA X2-2, X2-8, X6-2, X6-8, Dell EMC Storage

WORK HISTORY

Duration	Organization	Designation
JUN 2016 – Till Date	ITC INFOTECH	Lead Consultant
JUN 2015 – JUN 2016	HPE INDIA PRIVATE LTD	Senior Consultant
JAN 2014 – MAY 2015	FIDELITY INFORMATION SERVICE	Systems Operations Analyst Senior
JUL 2012 – NOV 2013	L&T INFOTECH	Senior Software Engineer
APR 2010 - JUL 2012	TECHMAHINDRA	Senior Infrastructure Management Associate
MAR 2009 - APR 2010	SAI INFOSYSTEMS	Senior Technical Associate
OCT 2005 - MAR 2009	IBM INDIA PRIVATE LTD	System Operations Senior Specialist
OCT 2000 – SEP 2005	CMS COMPUTERS LTD	Customer Support Engineer

WORK EXPERIENCE

ITC INFOTECH

JUN 2016 – Till date

Worked as Lead Consultant (Santander bank) Germany

- Worked extensively on various AWS, AZURE & GCP services. Architected scalable and cost-efficient multi-cloud backend using both AWS, AZURE & GCP.
- Large scale migration experience Data Center to Data Center and/or Data Center to Cloud
- Worked on Amazon Web Services (EC2, ELB, VPC, S3, CloudFront, IAM, RDS, Route S3, Cloud Watch, SNS,)
- Experience in AWS tools like Cloud Watch and configuration of performance related tools.
- Experience in implementation of patch set updates released for RDS by the vendor(Oracle, PostgreSQL, MySQL)
- Configured and managed Oracle Databases on Container services like ECS, ACS, GCE or Kubernetes.
- Experienced with Microsoft Azure Cloud hands on PaaS & SaaS services & deliver models
- Knowledge Azure IOT Hubs, Data fabrics, Data bricks Azure Data Warehouse, Power BI, Azure Cosmo DB, Data lake, IOT Analytics, AIML & Azure SQL Server.
- Experienced with building, integrating and configuring Azure SQL & Microsoft SQL Server.
- Ability to build deploy scalable and highly available applications on Google Cloud Platform.
- Ability to configure and manage a secure infrastructure leveraging GCP Security Technologies.
- Configured Cassandra Cluster using Docker in GCP Environment.
- Expert in Oracle RAC 12C , 11G,10G,ASM administration,Goldgate Administration, OEM 13C
- Using Golden Gate tool Migration done on 10.2.0.4 (Production Database) to 11.2.0.2 on Exadata X2-2 Quarter Rack.
- Upgraded 11g R1 RAC Database (Clusterware,ASM file system and Database) to 11g R2 on Exadata X2-2 Half Rack.
- Implemented Exadata Machine X6-8 Full Rack and Migrated Databases from one Datacenter to another using Goldengate tool.
- Configured Dataguard/Active & Transaction Dataguard in Oracle 12c.
- Configured Hub & Leaf Nodes /Upgrade Standalone and 11g RAC Database to 12c RAC Database
- Experience with design and development across EDB PostgreSQL, Couchbase, Cassandra, MongoDB, HBase
- Broader understanding of other Relational & NOSQL Database Technologies
- Designing and customizing MongoDB applications
- Database design from OLAP system to HBASE . Transform and load OLAP data into HBASE(column oriented database)
- Proficient in key Couchbase administration functions (on-premise and cloud-based) – Installing, upgrading, patching, Configuring and maintaining of Couchbase nodes and servers/ sync-gateways, including of client SDKs
- Working on DSE and Apache Cassandra cluster - Production support for Tier 1 applications, operations & Development
- Apply software patches & upgrades server software for Cassandra database to stay in compliance with security standards and performance.

Environment: Oracle 12 EXADATA X2-2,X2-8,X6-2 X6-8,Goldengate, Linux, AWS,Solr,Jenkins,Cassandra,Couchbase, PostgreSQL

HPE INDIA PRIVATE LTD

JUN 2015 – JUN 2016

Worked as Senior Consultant (BNP PARIBAS INVESTMENTS) Germany

- Assisted in designing and management of PostgreSQL database schemas and tables.
- Experience in PostgreSQL Installation 9.0 and 9.3 Production support.
- Expert in Backup & Recovery including PG dump, setting up WAL archiving, Point in time recovery.
- Experience with on-premises and cloud-based Couchbase administration, including configuration, database security
- Extensive experience in designing MongoDB replica sets and multi - sharded cluster.
- Experience in upgrading and migrating various versions of Mongo database on different platforms.
- Used MongoDB third party tools (ROBO MONGO, MongoDB compass) and mongo-built in binaries to monitor and analysis the performance of MONGODB.
- Installed 12C and configured CDB and PDB Manually, Upgraded Database from 11g to 12C
- Installed 13 Cloud Control and Managed agents. Upgraded OEM Cloud Control 12C to 13C.
- Configured Dataguard/Active Dataguard 11g and 12C using GDS.
- Resolved/Rebuild Standby Standby Database 11g and 12c Oracle Database.
- Configured Hub & Leaf Nodes /Upgrade Standalone and 11g RAC Database to 12c RAC Database
- Recover the database using RMAN Incremental and full back up.
- Responsible for Oracle installation , DB creation and env setup using export/import.
- Using DBMS_REDEFINITION created non partition table to Partition Table online method.
- Change and release coordination, Responsible for the implementation and initialization of changes.

Environment: Oracle12C,EXADATA X6-8,Goldengate,AWS,Mongo,Ansible,Docker,Kubernetes,Solr,CouchDB,Cassandra,PostgreSQL

FIDELITY NATIONAL INFORMATION SERVICES

JAN 2014 – May-2015

Worked as Systems Operations Analyst Senior (Fidelity Bank) USA

- Expert in RAC 12C , 11G,10G,ASM administration,Goldgate Administration, OEM Cloud Control 13C
- Installed 12C RAC on 4 Nodes and Managed the nodes. Upgraded Database from 11g RAC to 12C RAC.
- Solid Exposure to Exadata Configurations including X2-2, X2-8, full rack and the latest X6-8.
- Solid understanding of key Exadata features including Hybrid Columnar Compression, Exadata Smart Flash Cache,
- Hands on experience on Managing & administering Database,ILOM, ASM,Local Exadata Storage cell Management.
- Worked on upgrading from 11g to 12c both Standalone and RAC Environment & Cloning Oracle Home,Database performance tuning,Goldgate Administration.
- Excellent understanding of Cassandra Architecture and management tool like OpsCenter .
- Commendable knowledge on read and write processes, including SSTables , MemTables and Commitlog .
- Experience with querying on data present in Cassandra cluster using CQL (Cassandra Query Language).
- Used DataStax OpsCenter and NodeTool utilities to monitor the cluster.
- Experience in taking the data backups through NodeTool snapshots .
- Experience in moving the SSTables data on to the live cluster .
- Installation of various Hadoop Ecosystems and Hadoop Daemons.
- Good experience on Design, configure and manage the backup and disaster recovery for Hadoop data.
- Hands on experience on major components of Hadoop Ecosystem like Hive, HDP, Hbase, Pig and Sqoop, Impala, Oozie, Zookeeper, MapReduce.
- Experience in HDFS data storage and support for running map-reduce jobs.
- Good experience in using Elastic Map Reduce on Amazon Web Services (AWS) cloud for supporting data analysis projects.

Environment: Oracle 12C, 11G,10G, EXADATA X-6-2,X6-8 Linux, Toad, SqlDeveloper Cassandra,HBASE,AWS

L&T INFOTECH

JUL2012 – NOV2013

Worked as Senior Software Engineer (CITIGROUP NORTH AMERICA) USA

- Implementation/Maintenance/Patching/Configuration Issues and managing Databases running on Exadata boxes Upgraded Database from 11g to 12C & Administer Local Exadata Storage cell management, Embedded Integrated Lights Out Manager (ILOM).
- Migrated database to Exadata X-2-8 X-3-8 using Logical, Physical & System Backup using LVM Snapshot.
- Solid Exposure to Exadata Hardware Architecture including Database Grid, Storage Grid and Infiniband
- Installed 11G RAC on 4 Nodes and Managed the nodes & Upgraded 10G to 12c Grid Control and Managed agents
- Recovered the Cluster database loss of Voting and OCR disk.
- Upgraded the CRS, RDBMS,and DATABASE from 10.2.0.4.0 to 10.2.0.5.0 & Adding and Removes Nodes from RAC Environment.
- Worked on Dataguard (Physical standby OS offline,OS Cold backups,RMAN Offline,Online).
- Clone the database using RMAN duplicate target and 11g Active Database.
- Taking backup using RMAN(Closed and Open), Import Export, User Managed Backup (Closed and Open).
- Responsible for Oracle installation , DB creation and env setup using export/import.

Environment: Oracle 9i/10g/11g /10g Grid Control/12c Grid Control Linux, Sql Developer, SOA, BAM, B2B, Web logic

TECH MAHINDRA

APR 2010 – JUL 2012

Worked as Senior Infrastructure Management Associate (MTS INDIA TELECOM DOMAIN) INDIA

- Implemented Exadata Machine X2-2 Full Rack with 154 TB Storage (Normal Redundancy).
- Using Golden Gate tool Migrated Database from Jaipur Data Center to Noida Data Center with Zero downtime using Golden gate tool to Exadata Machine.
- Using Golden Gate tool Migration done on 10.2.0.4 (Production Database) to 11.2.0.2 using Rman Clone.
- Upgraded 10.2.0.4 RAC Database (Clusterware,ASM file system and Database) to 11.2.0.1 RAC Database.
- Duplicating a Rac database into single node database & Created a Single node standby database in Rac Environment.
- Adding /Removing nodes from RAC Environment & Clone the database using RMAN duplicate target Database.
- Worked on Dataguard (Physical & Logical standby OS offline,OS Cold backups,RMAN Offline,Online).
- Installed 10G RAC on 4 Nodes and Managing the instance.
- Expertise in Engineered Systems Support(Exadata/Exalogic/Supercluster/Exalytics/BDA),RAC and High availability solution in 9i,10g and 11g R1/11R2 oracle Databases.

Environment: Oracle 9i/10g/11g, Exadata X2-2, X2-8,X3-2,X3-8 Goldengate, Linux, TOAD, Sql Developer.

SAI INFOSYSTEMS

MAR 2009 – APR 2010

Worked as Senior Technical Associate (BSNL INDIA TELECOM DOMAIN) INDIA

- Incident, Problem, Change, Configuration, Patch & Release Management.
- Project Planning, Execution, Delivery and Signoffs as per SOW and defined timelines
- Running of IT Infrastructure operations and support
- Oracle s/w installation/upgrades/patching, DB creation and environment setup.
- Database backups with RMAN, TTS and exp(dp) utility.
- Extensive experience with implementing Oracle RAC and Linux/Windows 2008/2003 Systems.
- Shell scripts development/modification for daily DB monitoring, maintenance and database backups.
- Development/Modification/Debugging of PL/SQL Packages/Procedures.
- Maintenance and reorganization of DB objects.
- Database user/role/access management to maintain security.
- Backup restoration with IBM (Tivoli) and created RMAN scripts using tdp.
- Responsible for working with Oracle support for any major Oracle issues (SR).
- Extensive performance tuning experience, instance tuning, RAC tuning, SQL Tuning and SQL optimization.

Environment: Oracle 9i, Oracle 10g, SQL*Plus, Tivoli , AIX 5

IBM INDIA PRIVATE LTD

OCT 2005 – MAR 2009

Worked as System Operations Senior Specialist (CELESTICA) USA

- Responsible for daily activities like Instances/Listeners check, Alert log files and trace files check, Tablespace and object growth check, Statistics collection using DBMS_STATS, Performance tuning using Statspack.
- Oracle s/w installation/upgrades/patching, DB creation and environment setup.
- Worked on Dataguard (Physical standby OS offline, OS Cold backups, RMAN Offline, Online).
- Worked on Dataguard (Logical Standby OS offline/OS Cold backups, RMAN Offline, Online).
- Responsible for maintaining Oracle databases; including: performance and sizing analysis, Tuning, backup/recovery using RMAN and monitoring database activity.
- Responsible for the installation, setup and testing of Oracle Utilities/tools.
- Implemented Clone Database for production environment for testing purpose using RMAN duplicate.
- Responsible for data loading from different sources (flat files) using oracle SQL*Loader.
- Responsible for SQL tuning using explain plan and Hints.
- Worked on IBM Tivoli tape drives for taking RMAN backups
- Responsible for statistics collection using DBMS_STATS and DB object maintenance.

Environment: Windows , AIX, Oracle 8i,9i, SQL*Plus, SQL Loader, OEM.

CMS COMPUTERS LTD

OCT 2000 – SEP 2005

Worked as Customer Support Engineer (DHANALAKSHMI BANK LIMITED)

- Installed Oracle 9i databases on Windows & Linux Platform.
- Oracle s/w installation/upgrades/patching, DB creation and environment setup.
- Adding datafiles and resize accordingly as per the database requirement.
- Created Tables, Views, Synonyms, Sequences and Indexes and monitored Object fragmentation.
- Good experience in Table space management, User management.
- Monitoring of alert log/listener log/trace files and periodic purge.
- Cloning Databases from production to development and test environments.
- Windows 2000 and 2003 Server and Red hat Linux servers.
- Installation & Configuration of Windows 2000 on high-end-servers.
- Planning, Designing and Implementing of Windows 2000 Domain Services
- Implementing and troubleshooting of RAS, WINS / DHCP, Active Directory services RIS on 2000
- Creating Local Groups / Global Groups and giving access level rights and permissions for users.
- Backup and Restore Operation.
- Designed & Implemented the Windows 2000 master domain models with accounts and resource domains with File and Print Services.
- Created user and managed using Active Directory
- Installed Lotus Notes server on Linux and Managed users.
- Installed & Managed Problem Management and Change Management on Windows NT Servers

Environment: Windows NT/2000, Oracle 9i, SQL PLUS, IBM Tivoli storage manager, Lotus note Server, Red hat Linux.