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| **GAURAV RATRA** | H NO: 41,  NIT 1,  FARIDABAD – 121001 [GAURAVRATRA90@GMAIL.COM](mailto:GAURAVRATRA90@GMAIL.COM) MOB. NO.:09911289700 | |
| **OBJECTIVE** | | **Total Experience 10 Years**  **Technical Skills**  Oracle 10g, 11g,12C,  Oracle RAC, DataGuard, Oracle Exadata, ASM  Performance Tuning,  PostgreSQL,  Kafka, Kubernetes,  Docker,  Mongo DB  Administration, MongoDB Performance Tuning, MongoDB Replication,  Shell Scripting,  Python, Cassandra DB, RMAN,  GoldenGate |
| To work with an organization of distinction that recognizes my true potential and provides me sufficient avenues for professional growth through nurturing my skills and competencies. | |
| **PROFILE SUMMARY** | |
| * A technology oriented professional with 10 Years of experience installation, migration, designing, backup, recovery, scripting and performance tuning in development, test and production database. * Proficiency in multiple databases like Oracle, Oracle Cloud Database, Oracle NOSQL, MongoDB and Cassandra. * Hands on experience of working on Kubernetes, Docker and Kafka * Presently associated with Bank of America(B.A. Continnum India Pvt. Ltd.), Gurugram, Haryana as an Analyst II. | |
| **EXPERIENCE** | |
| **Adobe Systems Pvt Ltd, Noida**  **Senior Database Reliability Engineer**  25th April 2022 – Present   * Working on AMI Rotation in Ansible * Configuration Management tool like Ansible * Git * Creation of PODS, Replica Sets, Deployment Resources using Kubernetes * Creation of new EC2/RDS Instances using AWS console and AWS CLI * SSH Key rotations quarterly * Monitoring of MongoDB and Cassandra Instances * Performance Tuning of MongoDB, Cassandra and Oracle Databases   **Bank of America(B.A. Continnum India Pvt. Ltd.) Gurugram, Haryana** | |
| **Senior Analyst** 1st Aug 2020 – 15th April 2022 | |
| **Roles & Responsibility:** | |
| **Oracle Database(10g, 11g, 12c,19C):** | |
| * Installation and maintenance of Oracle database * Oracle RAC Patching and Upgradation * Oracle Exadata * Migrating Databases from Oracle 11g to 12C and 19C and Oracle DBaaS Cloud * Patching of Database * Maintenance of Exadata Databases * Oracle GoldenGate Migration from 12C to 19C * Oracle DataGuard   **PostgreSQL:**   * Installation and administration of PostgreSQL DB * Upgrade and tune new postgresql DBs * Streaming and logical replication in PostgreSQL DB * Prepare and review the performance reports * Point in time functionality of PostGreSQL | |
| **Kafka**: | |
| Experience managing Kafka clusters both on Windows and Linux environment. Knowledge of Kafka API.  Designed and implemented by configuring Topics in new Kafka cluster in all environment.  Integrated Apache Kafka for data ingestion | |
| **Kubernetes:** | |
| Managed Docker orchestration and Docker containerization using Kubernetes.  Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.  Experience in code deployment, Orchestration and Scheduling using Kubernetes | |

# MongoDB

* Extensive experience in designing MongoDB replica sets and multi - sharded cluster.
* Setting up the write and read concerns in MongoDB
* Working knowledge of Journaling
* Working on Wired Tiger storage engine.
* Experience in upgrading and migrating various versions of Mongo database on different platforms.
* Administration of Mongo DBs
* Creating and installation of MongoDB in AWS

# Cassandra DB

* Hands on experience in setting up the Cassandra Clusters
* Cassandra Architecture
* Strong knowledge of Cassandra Query Language(CQL)
* Working knowledge of Cassanda Tools like cqlsh, nodetool
* SSTable tools like sstabledump, sstableloader, sstablemetadata, sstablesplit

# AWS Migration Services:

* Migrating Data to AWS using AWS Schema Conversion tool and AWS Server Migration Service
* Migrating Data using Migration tools like AWS Export/Import, Snowball and Storage Gateway for Hybrid Environments.

**Analyst II** 19th Sep 2016 – 31st July 2020

# Roles & Responsibility:

**Oracle Database(10g, 11g, 12c):**

* Installation and maintenance of Oracle database
* Refresh of Schemas from PROD to DEV using DataPump Techniques
* Oracle RAC
* Maintenance of Exadata Databases
* Oracle Performance Tuning and Troubleshooting
* Oracle GoldenGate
* Configuration of Physical Standby Databases

**Cloud Services DBA** 14th December 2015 – 16th Sep 2016

# Parametric Technology Corporation(PTC), Gurugram, Haryana

**Roles & Responsibility:**

* Installation and maintenance of Oracle database
* Refresh of Schemas from PROD to DEV using DataPump Techniques
* Oracle RAC
* Administration of AWS DynamoDB
* RMAN Backups, Hot and Cold Backups
* Linux Adminstration and Networking
* Taking backups using RMAN and other techniques like Export/Import, Hot and Cold Backups.

**Analyst** 29th June 2012 – 11th December

2015

# HCL Technologies, Noida, UP Project Delivered in HCL Retail domain

**Dixons Retail plc** is a British company and one of the largest consumer electronics retailers in Europe. The company, formerly known as Dixons Group plc and later DSG International plc, specializes in selling high technology consumer electronics products, audio-video equipment, PCs, small and large domestic appliances, photographic equipment, communication products and related financial and after sales services. They also sell other products and services such as electrical products, spares, repairs, mobile services, online digital photo processing, pre- recorded media and childcare equipment.

# Roles & Responsibility:

* Taking backups using RMAN and other techniques like Export/Import, Hot and Cold Backups.
* Export and Import Techniques
* Database Refresh and Restore
* Oracle Exadata
* MYSQL Database Installation
* Backup and Restore of MYSQL DBs.
* Backup and Recovery of Database using the Recovery Manager (RMAN).
* Real Application Cluster Adminsitration
* Working with database backup and recovery.
* Database Upgradation
* Oracle Database Performance Tuning
* Linux Adminstration and Networking

**EDUCATION**

**Electronics and Communication Engineering, MDU, Rohtak** Aug 2007 –

June 2011

# BSAITM College, Faridabad

Percentage 63 %

**Senior Secondary(Science)** April 2007

# Apeejay School, Faridabad

Percentage 78 %

# Secondary

April 2005

# St. Josephs’ Convent School, Faridabad

Percentage 79.2 %

**CERTIFICATION**

* + **Database**
* Oracle Certified Associate Database 12c Administrator
* Oracle Database 12c Administrator Certified Professional
* Oracle GoldenGate 12c Certified Implementation Specialist
* **Programming Language**
* Introduction to Programming Using Python
* Oracle Certified Professional, Java SE 6 Programmer
  + **Operational Excellence**
* ITIL 4 Foundation