

## HARIRAM

Contact No: +91-9036338635

Email Id : [raamc1997@gmail.com](mailto:raamc1997@gmail.com)

### MongoDB Database Administrator:

Having 3.10 years of experience in MongoDB database Administration and also having experience in AWS and Linux.

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#### Work Experience:

- Currently working as a MongoDB Database Administrator at **WIPRO LIMITED** since **April 2022**
- Worked as a MongoDB DBA for 2.7 years at **ROLAX POWER SYSTEM**

#### Professional Experience:

- Having 3.10 years of experience in the areas of MongoDB Database Administrator
- Working knowledge in MongoDB (versions 3.6.x, 4.0, 4.2, 4.4 and 5.0) Installation, configuration and administration.
- Working knowledge of designing MongoDB multi shared clusters and replica set.
- Creating replica set (Arbiter, Priority, Hidden & Delayed nodes) in MongoDB.
- Expertise in upgrading various versions of Mongo database on different platforms (Windows and Linux ).
- Extensive experience in hosting MongoDB on AWS and on premise environment.
- Experience in managing multi-node MongoDB clusters on cloud environment.
- Performance tuning and indexing strategies using mongo utilities like Mongostat and Mongotop.
- Creating users, roles and privileges for database in MongoDB.
- Enabling profiler to find the long running queries.
- Tuning a collection by creating Indexes (Single-Field, Compound, Unique, Multi-key index, Text & Hashed indexes).
- Data Backup and recovery using Mongodump-restore & Mongoexport-import.
- Refresh MongoDB data from production to staging.
- EC2 Instance setup & configuration on Linux platform.
- Configured auto scaling for on premise instances.
- Basic knowledge on Mysql and Postgresql Databases.

- Basic shell scripting knowledge.
- Monitoring , maintaining, database performance. Availability & capacity planning of Memory, CPU and Disk Space.
- Good analytical skills to troubleshoot and fix issues.
- Good knowledge of configuration parameters.
- Ability to work independently to provide solutions for issues.

#### Project Roles:

Client: **IDFC FIRST BANK Ltd**

Environment: MongoDB 3.6, 4.0, 4.2, 4.4, 5.0 AWS, Linux, Windows Enterprise and Community Edition.

Role: **Administrator**

- Installed and configured multi-sharded MongoDB clusters in AWS and on premise for each environment (Dev, Stage, Production)
- Created schema design (Collections, Indexes, Capped Collections, etc.).
- Created Users & Roles and enabled Authentication.
- Installed & configured Ops Manager for managing, monitoring and backing up a MongoDB infrastructure.
- Performed CRUD operations like Create, Update, Insert & Delete.
- Daily health checkup of the servers
- Data Ingestion to MongoDB from external sources (JSON, CSV).

#### Technical Skills:

**Databases:** 1) NoSQL Database MongoDB

2) Sql Database: MySql and PostgreSQL

**Utilities:** Mongoddb Export/Import, Mongodump/Restore.

**Operating Systems:** Linux, Windows.

**Monitoring Tool:** OpsManager, Robo 3T

**Basic shell scripting knowledge.**

#### Interests:

Reading, Swimming, Music, Watching Movies.

#### Education Details:

**B.E (Mechanical)** from **MIT KUNDAPURA** College with CGPA: **6.06**

Year of Passing: 2019.

#### Personal Details:

·	Gender	: Male
·	Date of Birth	: 5 <sup>h</sup> June 1997
·	Languages Known	: English, Hindi, Kannada and Telugu

#### Declaration:

I do hereby declare that the above information is true to the best of my knowledge.

**Place: Bangalore**

**(HARIRAM)**