

Job Description	
Designation	Database Administrator (GIS)
Department	MAPIT
Place	Bhopal
Job Code	
Job Type	Contractual (2 Years)

Job Description

- Review of Software requirements and prepare a conceptual design for a planned database
- Design Database, Define Data types and build essential relationship between different entities of a RDBMS
- Write Database Scripts/SQL scripts, Store Procedures and execute the same on desired database
- Write Scripts to prepare different Database Views as per requirement
- Support Integration of software systems with external software system/third party software
- Maintain the data standards adherence to the Database and Data security Norms
- Install and test new/required versions of the DBMS
- Develop, manage and test database back-up and recovery plans
- Refine the logical as well as physical design of the Database to meet system software requirements as well as storage requirements
- Maintain/keep log of Database and Database Scripts Versions
- Administer and maintain different Database as well as Database user activities
- Administer and manage database users access and security, Control database access permissions and privileges
- Monitor and Optimize Database Performance and manage critical parameters enabling fast responses from Database server to end users
- Ensure proper functioning of storage and archiving procedures
- Involve in Capacity/Scalability planning ensuring optimum usage of resources towards database architecture
- Prepare Data Models, ER Diagrams
- Prepare database documentation, including data standards, procedures and definitions for the data dictionary (metadata)
- Work closely with project team and regularly coordinate with technical, applications and operational teams to ensure database integrity and security.

Skills:

- Good written and verbal communication including documentation skills
- Good understanding of complete SDLC (Software Development Life Cycle).
- Good understanding of spatial database, systems and software.

Qualification / Skill and Experience

Profile	
Essential Criteria	Desirable Skills& Experience
<p>Qualification:</p> <ul style="list-style-type: none">• B.E./B.Tech in Computer Science/ IT / or equivalent <p style="text-align: center;">OR</p> <p>MCA/equivalent</p> <p>Experience:</p> <ul style="list-style-type: none">• Minimum 4 years of experience in database administration preferably on Postgres or PostGIS or SQL Server.	<ul style="list-style-type: none">• Academic 60% or above throughout from Class 10th and onwards• Experience of working on Geo-spatial database will be preferred.• Certification in database administration will be preferred.• Experience in providing support towards intergration with external software system/third party software/ database will be preferred.