

Individual Consultant Name : Preeti Sandeep Shinde
Consultant Role : Consultant Role
Fulcrum Contact : Satish Jagtap

Work Product / Deliverables/ Activities:

- Data modeling and database design. Data modeling and database design. DBA must possess the ability to create an efficient physical database design from a logical data model and application specifications.
- If the data resource management discipline has not been created, the DBA also must be responsible for data modeling, normalization, and conceptual and logical design.
- Metadata management and repository usage. T DBA, or sometimes the Data Architect (DA), must collect, store, manage, and enable the ability to query the organization's m Without metadata, the data stored in databases lacks true meaning.
- Database schema creation and management. A DBA must be able to translate a data model or logical database design into an actual physical database implementation and to manage that database once it has been implemented.
- Backup and recovery. Implementing robust backup and recovery procedures is the insurance policy of the DBA.
- The DBA must implement an appropriate database backup and recovery strategy based on data volatility and application availability requirements.
- Ensuring data integrity. DBAs must be able to design databases so that only accurate and appropriate data is entered and maintained. To do so, the DBA can deploy multiple types of database integrity including entity integrity, referential integrity, check constraints, and database triggers. Furthermore, the DBA must ensure the structural integrity of the database.
- Performance management and tuning. Dealing with performance problems is usually the biggest post-implementation nightmare faced by DBAs.
- DBA must be able to proactively monitor the database environment and to make changes to data structures, SQL, application logic or the DBMS subsystem to optimize performance.
- Ensuring availability. Applications and data increasingly are required to be up and available 24x7. DBA must be able to ensure data availability using non-disruptive administration tactics.
- SQL code reviews and walk-thrus. Although application programmers usually write SQL, DBAs usually are blamed for poor performance. Therefore, DBAs must possess in-depth SQL knowledge so they can understand and review SQL and host language programs and to recommend changes for optimization.
- Data security. The DBA is charged with the responsibility to ensure that only authorized users have access to data.
- Procedural skills. Modern databases manage more than merely data. The DBA must possess procedural skills to help design, debug, implement, and maintain stored procedures, triggers, and user-defined functions that are stored in the DBMS.
- This requires the implementation of a rigorous security infrastructure for production and test databases. And a database auditing capability to document compliance.
- Capacity planning. As data consumption and usage continue to grow, the DBA must be prepared to support more data, more users, and more connections
- The ability to predict growth based on application and data usage patterns and to implement the necessary database changes to accommodate the growth is a core capability of the DBA.
- General database management. The DBA is the central source of database knowledge in the organization.

Consultant acknowledges it has been engaged by Fulcrum and not the Client and any signoff, acceptance or approval of timesheets or services must be obtained from Fulcrum to be valid.

Term: 10th day of May 2022 to 9th day of November ,2022

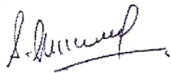
Compensation: Total fees is Two Lakh Fifty Five Thousand Rupees per month(RS 250,000)

Except as otherwise stated herein, all other terms of the Agreement remain in full force and effect and apply to this Statement of Work.

BOTH PARTIES ACKNOWLEDGE THIS STATEMENT OF WORK IS ATTACHED TO THE INDEPENDENT CONSULTANT AGREEMENT BETWEEN FULCRUM AND THE CONSULTANT DATED 9th day of May ,2022.

FULCRUM DIGITAL PVT LTD

Preeti Sandeep Shinde



Name: Mukundhan Sreenivasan

Title: Group CFO

Date: May 9, 2022



Name: Preeti Sandeep Shinde

Title: Consultant

Date: