

Job ID : CEET11

Work Location : Chennai

Role : Data Architect

Monthly CTC : Upto 2.5 Lakhs

Qualification:

- ✓ BE / B Tech / MCA / MSc / ME / M Tech
- ✓ 12+ years of experience of IT platform implementation in a highly technical and analytical role with at least 5 years of experience leading teams.
- ✓ The ideal candidate will have atleast 10+ years of experience with data technologies including big data, analytics, OLTP, AI/Data Models as well as information management, data warehouse, and business analytics functions, preferably in high transaction-oriented, at scale environments.

Responsibilities:

- ✓ Build and maintain a scalable, flexible, extensible data architecture and platform that drives e-governance across the departments.
- ✓ Design, build and maintain scalable and extensible data processing components (Batch and Real-time) for Data Ingestion, Data Transformation, Data Curation, Data Cataloguing, and Data Security, and Data Integrity.
- ✓ Build and maintain appropriate systems and storage for efficient Data lifecycle management - databases, data marts, data lakes, data warehouses and archives.
- ✓ Lead & manage a team of Database Engineers, Data Analysts and software developers
- ✓ Create and execute a data strategy for data driven e-governance and articulate to all stakeholders.
- ✓ Interact with the departments to understand the types of information and data needed to support their efforts
- ✓ Interact with departments and other stakeholders to support design & use of applications and data mining tools for effective real time reporting and analytics.
- ✓ Track, analyse and develop metrics to identify trends and patterns within the existing data as well as new data ingested.
- ✓ Work closely with all stakeholders including end user department, external vendors, start-ups and academic partners as needed.
- ✓ Lead architecture and design of integrated e-governance systems across departments.
- ✓ Drive the adoption of standards and best practices and promote reuse.

Technical Skills:

- ✓ Experience in development and/or DBA experience in Relational Database Management Systems (RDBMS) such as DB2, Oracle, SQL Server, MySQL and/or Postgres, MPP databases (Teradata etc.),.
- ✓ Experienced in optimal design and analysing complex distributed production deployments in Hybrid cloud environment and use of serverless managed services.
- ✓ Strong understanding of modern data ingestion/curation/wrangling tools/technologies such as Informatica suite, Talend suite etc., BI tools such as Tableau/Qlikview
- ✓ Experienced in/deep understanding of design and implementation of enterprise data models and metadata structures. Understanding of different data modelling techniques such as Relational modelling, Dimensional modelling, Data Vault, etc.
- ✓ Experienced in/deep knowledge of the design and development of ETL code to load and transform the source data from various formats into a SQL database.
- ✓ Experienced in/deep knowledge of architecting and developing Data Warehousing / BI / Reporting solutions using platforms and technologies such as Hadoop, Spark, Databricks etc.

Business Requirement:

- ✓ Ability to drive discussions with senior personnel regarding trade-offs, best practices, project management and risk mitigation.
- ✓ Ability to develop innovative solutions to complex business and technology problems.
- ✓ Excellent leadership and interpersonal skills
- ✓ Strong verbal and written communication skills, including the ability to present complex material to wide range of audiences in plain language
- ✓ Ability to multi-task, manage projects, set time frames, and meet deadlines
- ✓ Ability to work as team player, comfortable with fast paced, changing environment and ambiguity

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