

## Pixstar Corporate Position Description



### Position Title:

Enterprise Data Architect

### Position summary:

Develop strategy and implementation of business intelligence solutions at an enterprise-wide level, focusing on data modeling, application integration and metadata management. Work with other developers and business analysts to design robust, scalable database warehouse solutions spanning multiple Business Line areas and integrated data requirements.

### Position Tasks:

- Establishes and maintains the Enterprise Data Warehouse architecture standards working with multiple data architecture concepts such as Data Warehousing, ODS, Data Marts, Staging.
- Defines and maintains the Enterprise Data Warehouse data quality standards utilizing concepts such as Master Data Management, Data Governance and Data Stewardship.
- Participates in the coordination of development of ETL solutions for the loading and validating data from source systems into the Enterprise Data Warehouse.
- Analyzes business requirements and translates them into functional and technical design specifications and implementation plans that integrate with existing data warehouse data elements.
- Responsible for coordinating with other developers for database and ETL performance tuning.
- Ability to solve complex technical problems, assimilates information rapidly, and works under time constraints.
- Works closely with clients, developers, and consultants to coordinate plans and activities of development projects as it relates to inclusion within the Enterprise Data Warehouse.
- Coordinates efforts with other Project Managers to define tasks, project teams and plans with responsibility for migration efforts within the Enterprise Data Warehouse.
- Ensures complete and comprehensive documentation supporting the Enterprise Data Warehouse databases, ETL jobs and related environments, including data maps, data dictionaries and/or relationship entities.
- Additional duties, as assigned.

### Required Skills Sets:

- Minimum seven (7) years experience developing large scale data warehouse solutions using Oracle, or similar database development tools.
- Proven experience working with the System Development Life Cycle (SDLC) process as it applies to the development and quality assurance of all task artifacts, processes and activities.
- Strong dimensional data modeling skills (i.e. conceptual, logical and physical model design, experience with operation data stores, enterprise data warehouses and data marts.
- Experience in one or more integration tools such as DTS, SSIS, Informatica, Business Objects, Data Stage, etc.

- Experience in one or more OLAP tools such as Analysis Services, Cognos, Business Objects, etc.
- Experience in one or more Business Intelligence reporting tools such as Reporting Services, Business Objects, Crystal Reports, etc.
- Strong knowledge of data modeling concepts, such as normalization, star schemas, snowflakes, conformed dimensions, slowly changing dimensions, etc.
- Strong background with relational database management objects (tables, schemas, indexes, stored procedures, macros), database design principles and data administration standards, and information security terminology.
- Expert-level experience working with the SQL query language.
- Demonstrated skills in oral and written communication, analysis and problem solving.
- Demonstrates the ability to work under minimal direction with considerable latitude for the use of initiative and independent judgment.

**Experience And Education:**

Bachelor's Degree in Computer Science or equivalent work experience.

**Additional Attributes:**

- Possess extensive experience in use of a personal computer running in a Microsoft Windows operating environment and all Microsoft Office Professional applications (Microsoft Word, Excel, PowerPoint, etc.).
- Demonstrate oral comprehension & expression by listening to and understanding information and ideas presented through spoken word and communicate information and ideas in speaking so others will understand.
- Show written comprehension & expression by reading and understanding information and ideas presented through written documents and communicate information and ideas in written form so others will understand.
- Present strong organization skills by utilizing organizational tools, time and methodologies to perform multiple simultaneous tasks at any given time in order to meet or exceed specific objectives and project milestones.
- Display professionalism by maintaining professional composure and effectiveness in a rapidly changing environment with high customer expectations.
- Possess excellent problem solving skills and the ability to actively participate in a team environment.