

Database Engineer: Associate Principal Database Engineer

Designs, develops, builds, analyzes, evaluates and installs database management systems to include database modeling and design, relational database architecture, metadata and repository creation and configuration management. Uses data mapping, data mining and data transformational analysis tools to design and develop databases. Determines data storage and optimum storage requirements. Prepares system requirements, source analysis and process analyses and design throughout the database implementation.

Discretion/Latitude

Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Completed work is reviewed from a relatively long-term perspective, for desired results.

Knowledge, Skills and Abilities

Applies extensive technical expertise and has full knowledge of other related disciplines. Answers technical questions regarding products and services, and may take part in putting together proposals, configurations and product offerings.

Problem Solving

Develops technical solutions to complex problems that require the regular use of ingenuity and creativity.

Impact

Regularly called upon to function in a project leadership role. Erroneous decisions or recommendations would typically result in failure to achieve major organization objectives

Liaison

Represents the organization as the prime technical contact on contracts and projects. Interacts with senior external personnel on significant technical matters often requiring coordination between organizations.

Minimum Education and Experience

10-12+ years with BS in designated Engineering or related field. Employees usually have advanced degree in field of specialization.