

JOB DESCRIPTION TEMPLATE

Career Ladder:	Application Development
Business Title:	Applications Architect
Department:	
Department Code:	
Level:	

Job Summary:

The Applications Architect provides highly specialized and advanced technical expertise and mentoring in the technological development of existing or proposed computer programs and systems to process data and identifies new and emerging trends in applications architecture.

Organizational Status:

Work Performed:

Specific Duties:

Core Duties:

- Provides advanced technical expertise and mentoring to the programming team and the broader organization.
- Analyzes new and emerging trends in applications architecture, evaluates alternatives, and completes feasibility studies.
- Provides advice to senior management on application architecture advancements, and makes strategic methodology, development, and major expenditure recommendations.
- Designs major aspects of the architecture of an application, including components such as user interface, middleware and infrastructure.
- Makes changes to methodologies, procedures and software development lifecycle , to ensure continuous improvement
- Performs design and code reviews and ensures that uniform application design standards are maintained.
- Makes presentations at local, regional, national and international conferences and workshops as well as to partner institutions.
- Supports software development lifecycle and applies and follows appropriate programming/development methodologies and best practices as instructed.
- Maintains appropriate professional designations and up-to-date knowledge of current information technology techniques and tools.
- Performs other related duties as required.

Consequence of Error/Judgment:

Supervision Received:

Supervision Given:

Education/Work Experience:

Skills:

Competency Proficiency:

Core Competencies:

Collaboration (Expert - E):

Identifies and improves communication to bring conflict within the team into the open and facilitate resolution. Openly shares credit for team accomplishment. Monitors individual and team effectiveness and recommends improvement to facilitate collaboration. Considered a role model as a team player. Demonstrates high level of enthusiasm and commitment to team goals under difficult or adverse situations; encourages others to respond similarly. Strongly influences team strategy and processes.

Communicating for Results (Expert - E):

Converses with, writes strategic documents for, and creates/delivers presentations to internal business leaders as well as external groups. Leads discussions with senior leaders and external partners in ways that support strategic planning and decision-making. Seeks a consensus with business leaders. Debates opinions, tests understanding, and clarifies judgments. Identifies underlying differences and resolves conflict openly and empathetically.

Explains the context of multiple, complex interrelated situations. Asks searching, probing questions, plays devil's advocate, and solicits authoritative perspectives and advice prior to approving plans and recommendations.

Problem Solving (Expert - E):

Anticipates problem areas and associated risk levels with objective rationale. Uses formal methodologies to forecast trends and define innovative strategic choices in response to the potential implications of multiple integrated options. Generates and solicits the approval of senior leadership prior to defining critical issues and solutions to unclear, multi-faceted problems of high risk which span across and beyond the enterprise.

Role Based Competencies:

Accountability (Expert - E):

Defines strategic areas of responsibility. Plans and decides upon the reassigning and restructuring of significant organizational resources. Influences and sponsors cross-organizational decisions on work prioritization, resource allocation, and long-range standards of performance.

Business Process Knowledge (Expert - E):

Analyzes enterprise processes for major enhancements to customer satisfaction and cost reduction. Identifies metrics for strategic business process improvement. Applies Business Process Reengineering (BPR) techniques to complex processes that cross the enterprise. Presents the core technical and strategic concepts of process improvement. Identifies and facilitates sensitive responses to environmental, financial and organizational concerns and issues. Approves and sponsors process improvement recommendations. Identifies the value of process improvements and solicits the support of senior business leaders.

Information Systems Knowledge(Expert - E):

Engineers, coordinates, and submits approval for significant enterprise-wide information system solutions that align with organizational processes and long-term strategies. Recommends large-scale, best practice technological opportunities. Engages appropriate technical consultants, experts, and leaders.