

FINANCIAL INFORMATION SERVICES AGENCY [127]

POLICE DEPARTMENT [056]

DEPARTMENT OF ENVIRONMENTAL PROTECTION [826]

DEPARTMENT OF INFORMATION TECHNOLOGY AND
TELECOMMUNICATIONS [858]

DEPARTMENT OF PROBATION [781]

SENIOR IT ARCHITECT

General Statement of Duties and Responsibilities

This class of positions encompasses professional and responsible technical consultative responsibilities unique to the architecture of enterprise applications and infrastructure solutions. With broad latitude for independent action or decision, all personnel serve in a critical role in the execution of the design and implementation of complex IT systems. Responsible for converting business requirements into a technical architecture and design and for implementing IT applications and solutions by working with stakeholders, project managers, analysts and technical teams. The Senior IT Architect has a deep understanding of an organization's IT policies, infrastructure, technology stack and support processes and uses their experience in systems engineering and enterprise architecture to define standards and enforce adherence to those standards. May supervise technical leads, developers and engineers in the implementation of IT application and infrastructure designs and solutions. All personnel perform related work.

Examples of Typical Tasks

Develops and maintains IT architecture diagrams of enterprise, business, data, security and/or technology architectures for IT solutions, concepts and strategies to meet business requirements for target audiences.

Defines and maintains the methodology, principles, roadmap, standards and guidelines for the IT architecture team for security, reuse, interoperability and integration.

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SENIOR IT ARCHITECT (continued)

Examples of Typical Tasks (continued)

Confirms the conformance of applications, components and services to established standards. Ensures compliance with architecture standards and guidelines throughout the application development lifecycle.

Assists with major internally-developed projects and new software products, including continued support, documentation and training.

Identifies probable system problems or design flaws and escalates issues to upper management before serious performance impact.

Recommends hardware and server requirements and works with clients to build application environments.

Monitors developments regarding various architectural platforms including hardware, software, and network communication components, as well as mobile technology, relational database technology, data integrity and distribution, canonical data models, and application and data architecture.

Analyzes and makes recommendations regarding the possibility of optimizing and enhancing existing functionalities.

Assists in the development and review of technical specifications for the procurement of IT systems and services, including the evaluation of vendor submissions solicited via bids, requests for information and proposals. Liaises with IT vendors, as necessary.

May oversee multiple areas of responsibility of development including but not limited to presentation, business logic, persistence, performance, scalability, and integrations.

NC-XI, PART II

CODE NO. 95711

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SENIOR IT ARCHITECT (continued)

Qualification Requirements

1. A baccalaureate degree from an accredited college in computer science, information systems, engineering, mathematics or related field and six years of satisfactory full-time experience related to enterprise architecture, solutions architecture, network architecture and/or IT infrastructure systems; or
2. A baccalaureate degree from an accredited college and ten years of satisfactory full-time experience related to enterprise architecture, solutions architecture, network architecture and/or IT infrastructure systems; or,
3. Education and/or experience which is equivalent to "1" or "2" above.

Direct Lines of Promotion

None. This class of positions is classified in the Non-Competitive Class.