**Class Summary**

The Solutions Architect creates and develops highly technical Information Technology (IT) architectural designs which may include hardware, software, data, and communications technology spanning multiple platforms to support King County’s long-term business needs; integrates new and emerging technologies with standard practice; analyzes and translates business information and technical requirements into an architectural blueprint that outlines solutions which integrates across applications, systems, and platforms to achieve business objectives; and may be assigned to the application, business, data, infrastructure, network, security, or any emerging solutions architect specialty.

**Distinguishing Characteristics**

This is a single-level classification. This classification is distinguished from the Enterprise Architect classification in that the incumbent in the Enterprise Architect is responsible for establishing and maintaining alignment among the enterprise data architecture, the strategic IT plan, strategic priorities, application and integration systems analysis and design, and the enterprise technology architecture.

**Examples of Duties**

1. Collaborate with peer architects, service owners, and other technical staff in determining the optimum design for vendor and in-house developed application solutions; translating business requirements into long-term information/data architecture design and solutions; and/or translating business requirements into technical designs, reference architectures, and solution patterns.
2. Designs the implementation of solution architecture based on the organization's business requirements and IT strategies; defines models, including solution patterns for repeatable and reusable ways, to guide solution decisions.
3. Create and manage architectural strategies and roadmaps across multiple projects, functional teams, platforms, and/or technology systems to support the enterprise architecture; ensure structure and activities are in compliance with the enterprise architecture.
4. Serve as a project resource and/or technical expert on data design, application, and integration technologies, and/or technical design for complex, high-impact projects.
5. Participate in enterprise architecture design processes to define major components of the County’s application, data, and/or technology architecture.
6. Consult with internal and/or external customers, stakeholders, and IT staff to help match reference architectures to business and technical requirements.
7. Participate on teams developing standards, best practices, solution patterns, reference architecture, and policies and procedures.
8. Perform other duties as assigned.

**Knowledge/Skills**

Ability to effectively engage in and sustain relationships with people from diverse cultures and socio-economic backgrounds

Ability to work independently and as a team member

Demonstrated proficiency with business applications, such as Microsoft Office suite

**Education and Experience Requirements**

Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position

**Licensing, Certification, and Other Requirements**

Some licenses, certifications, and other requirements determined to be necessary to meet the business needs of the employing unit may be required

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| **FLSA Designation** | Exempt (Computer Professional) |
| **Service Status** | Career Service |
| **EEO Code** | 2 |
| **Levels within same series** | None |
| **Class History** | 01/2024 - Created |