

**TENNESSEE DEPARTMENT OF FINANCE AND ADMINISTRATION**  
**Application Architect**  
**supporting the Department of Intellectual and Developmental Disabilities**

**Job Summary:** Under direction of Strategic Technology Solutions Management, the Application Architect is responsible for professional application architect work of considerable difficulty; and performs related work in Information Systems as required.

**Responsibilities:**

- Provide technical support and leadership to current environments in support of the core business functions and influence the future direction of technology.
- Acts as an internal consultant, by researching and evaluating current and emerging technologies, advocating the best technology and mentoring to enhance the technical skill set of agency personnel and act as a change agent.
- Develops or recommends development standards, policies, and procedures and works with the application manager or lead personnel to ensure the application code follows best practices and standards and appropriately utilizes framework or other application components.
- Identifies technical skill gaps, in self and others, making recommendations of appropriate training required to develop and support applications.
- Lead teams of business and technical personnel through the full system lifecycle, using agile tools and procedures, in support of the achievement of documented business requirements.
- Provides guidance to development team to insure consistent look and feel of components, utilization of implementation patterns, and consistent use of tools.
- Assists in planning the application development and deployment strategy and timeline which can include proof of concept, pilot, conversion, upgrade, and rollout.
- Interacts with project managers, business analysts, functional experts, or other key personnel to understand and validate user requirements and insure the application design meets the requirements.
- Communicates with external entities to research software or product implementation to gather information.
- Assists in ensuring the testing methodology properly tests all components of an application.
- Diagrams the design of an application, (i.e., physical, software, network, communication, data flow, and security).
- Assists in designing the necessary environments (development, test, UAT, etc.) for support of an application.
- Designs, documents, and deploys software, databases, and reports on servers as needed, collaborating with other technical individuals when necessary.
- Troubleshoots application problems by working with appropriate teams to diagnose and recommend solutions.

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**Minimum Qualifications:** Bachelor's degree, and five years of professional level experience in systems analysis, application design, or software development of business information systems.

- Must be knowledgeable of current technologies and trends
- Required five years of system analysis, application design, and software development.
- Prior experience leading a team of IT professionals.
- Excellent interpersonal, written, and verbal communication skills.
- Comfortable interacting with various levels of management and coworkers.
- Excellent time management, organization, and prioritization skills.

**Preferred Qualifications:**

- 10+ years of application support experience.
- 5+ years of advanced experience with C#, .Net, MVC, Entity Framework, SQL Server, HTML5, CSS3, and JavaScript.
- BS/MS in Computer Science (or equivalent).
- Working experience in Agile development environments, preferably using Team Foundation Server.

**Knowledge, Skills, Abilities, Competencies:**

- Advanced knowledge of a variety of technical methodologies and Industry standards and best practices related to application development
- Advanced knowledge of a variety of design and development frameworks
- Advanced knowledge of Systems Design
- Knowledge of middleware and web layer software and Service Oriented Architecture
- Knowledge of Test Driven Development
- Knowledge of detailed Database design (e.g. MSSQL, Oracle)
- Knowledge of reports design and development (e.g. Crystal Reports, SSRS)
- Knowledge of interface design and development (e.g. SSIS, ETL)
- Critical Thinking
- Customer Focus
- Command Skills
- Drive for Results
- Organizational Agility
- Building Effective Teams
- Motivating Others

The State of TN is an Equal Opportunity Employer.

Resumes should be submitted via email to [mary.s.kennedy@tn.gov](mailto:mary.s.kennedy@tn.gov)

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