

Title: Technical Architect	Effective Date: March 8, 2011	Grade: XVII	Job Category: Professional
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CHARACTERISTICS OF WORK

Under limited direction of the Application Development Manager, this position will ensure the design and development of .Net application systems are efficient, effective, adhere to Division standards, and follow .Net best practices. This position will make recommendations for .Net standards, enforcing standards, researching new technology and leading large and complex projects.

EXAMPLES OF WORK

The following examples are intended only as illustrations of various types of work performed. No attempt is made to be exhaustive. Related, similar, or other logical duties are performed as assigned. The Department may require employees to perform functions beyond those contained in job descriptions. The Department may modify job descriptions based on Department needs. The Arkansas State Highway and Transportation Department is an "at will" employer.

- Assist the Application Development Manager in the enterprise application development short and long term planning.
- Develop .Net standards and the ability to enforce these via Team Foundation.
- Review technical project design for .Net development projects.
- Lead the development and enforcement of .Net standards.
- Conduct research on emerging technologies in support of application development efforts and recommend technologies that will increase cost effectiveness of applications.
- Assist in the education of staff and users of new technology capabilities and requirements.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university in computer science, management information systems, or related field, plus a minimum of eight years of .Net application development experience. Demonstrated technical leadership experience. Must have work experience programming and/or using .Net 2.0 or higher, ASP .net, C#, Visual Studio 2008 or higher, SQL Server 2005 or higher, SSRS, SSIS, and Team Foundation. The ability to work in a team oriented, collaborative environment is required. The experience in n-tier applications design and development is required. Both in state and out of state travel may be required.

("Accredited" means the educational institution or program is accredited by an accrediting organization recognized either by the United States Department of Education or by the Council for Higher Education Accreditation.)