

Title: Application Developer III	Effective Date: August 5, 2011	Grade: XIII	Job Category: Technician
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CHARACTERISTICS OF WORK

Under general supervision, this position is responsible for the analysis and development of .Net applications. This will include researching, designing, coding, testing, documenting, and modifying applications throughout the application lifecycle according to standards and using the current .Net best practices.

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.

- Gather and analyze user requirements.
- Assist with the planning and tracking of a project.
- Research technology to meet user requirements.
- Create design specifications for a new application or an application upgrade.
- Code user requirements as specified in the specification.
- Document code and write user documentation.
- Support, update, and maintain applications.
- Evaluate problems and alternative solutions with user.
- Maintain and expand current knowledge of programming languages and development tools.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from a college or university with an accredited program in computer science or related field. Proven analytical and problem solving skills. Experience interviewing end-users for insight into business rules, functionality, interface, problems and/or usability of a current or future application. The ability to research software-related issues and products. Two years of experience writing, translating, and coding queries in SQL. Consistently write, translate, and code applications according to specifications at an intermediate level. Basic understanding of database structures, theories, principles, and practices. One year of experience writing reports with SQL Reporting Services. Strong written and oral communication skills.

ADDITIONAL MINIMUM REQUIREMENTS – APPLICATION DEVELOPMENT SECTION

Two years of experience writing, translating and coding applications using C#. Two years of experience with ASP.Net or Winforms or WPF (Windows Presentation Foundation). Two years of experience with Enterprise SQL Database Server 2005 or 2008 R2. Experience using Visual Studio 2010 and Team Foundation source control.

ADDITIONAL MINIMUM REQUIREMENTS – ENGINEERING SECTION

Two years of experience writing, translating and coding applications using Visual Basic.Net or C#. Two years of experience with ASP.Net or Winforms or WPF (Windows Presentation Foundation). Experience with Oracle

ADDITIONAL MINIMUM REQUIREMENTS – DATA ADMINISTRATION SECTION

Two years of experience writing, translating and coding applications using Visual Basic.Net or C#. Two years of experience with ASP.Net.

("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.)

