



Administrative Office of the Courts

Job Description

Job Title:	AOC Cloud Architect / Developer	Grade:	IT06
Division:	Court Information Systems	Revision Date:	July 27, 2021

The Arkansas Administrative Office of the Courts, Court Information Systems Division, is seeking applications for a Cloud Architect / Developer to be a team member on the Build New team. Applicants should send a cover letter, resume, and contact information for three professional references by email to cis.buildnew@arcourts.gov.

The Administrative Office of the Courts (AOC) is an agency within the judicial branch of government that works to support the state courts on behalf of the Arkansas Supreme Court. The Court Information Systems Division (CIS) is responsible for providing technological support to the state's courts, making court information available to the public, and developing and implementing online, court-related services. CIS is a team-based organization using the Disciplined Agile framework. You may view our Statement of Core Values at <https://www.arcourts.gov/modernization/statement-core-values>.

POSITION SUMMARY:

This is a dual role between AOC Cloud Architect and AOC Software Developer. The AOC Cloud Architect is responsible for developing and supporting the Build New Team's cloud architecture and assist the team in designing and maintaining the AWS Cloud environment, front-end platforms, storage, and network. The AOC Cloud Architect will have a solid understanding of cloud computing and technology systems, as well as experience designing and transferring applications to the cloud. The AOC Software Developer is responsible for developing an infrastructure as code pipeline and contributing to the development of a court management program.

JOB DUTIES:

- Work on an Agile team that employs the Disciplined Agile Methodology
- Assist in establishing best practices for cloud usage
- Identify opportunities to solve business problems with cloud technologies
- Design and implement cloud infrastructure
- Work with the team on application designs
- Participate in planning sessions to develop project schedules.
- Work with team on cloud storage
- Works with the EAT on cloud security standards and enterprise cloud architecture
- Aid in the testing and debugging of new and existing application software.
- Execute task conforming to formal techniques, standards, policies, and procedures.
- Troubleshoot cloud and application issues.
- Analyze and code for conversion of data between applications and databases.
- Provide technical assistance to application users when needed.
- Work with the build new team to develop a new court management system
- Other duties as assigned

QUALIFICATIONS:

- **Education**
 - A Bachelor of Science degree in Computer Science or a related field
- **Experience**
 - Five years of relevant experience

KNOWLEDGE, SKILLS, ABILITIES:

- Knowledge of basic documentation and record keeping procedures.
- Knowledge of application design and development methodologies, including change and version control.

- Knowledge of application development in Linux and Windows server operating system environments.
- Knowledge of ASP.NET Core and C# programming language.
- Knowledge of deploying solutions in the cloud.
- Knowledge of the integration of those databases into the development of system software
- Knowledge of and experience working with cloud computing and AWS Cloud
- Ability to deploy RESTful web APIs on a cloud platform
- Ability to design and implement automated testing including test driven development
- Knowledge of Object-Oriented Programming languages and development methodologies.
- Ability to develop, optimize and maintain applications.
- Ability to effectively multitask.
- Ability to work as part of a project team.
- Ability to work well under pressure and meet deadlines.
- Ability to perform mathematical calculations and to analyze and evaluate application performance data.
- Ability to learn new technologies and maintain technical currency.
- Ability to provide application support in person and by telephone or e-mail to judicial branch employees.
- Ability to write and execute program design specifications.
- Strong analytical and creative problem-solving skills.
- Excellent oral and written communication skills including the ability to communicate effectively with court and non-court, legal and non-legal, technical, and non-technical persons.
- Be familiar with industry accepted business practices and computer application development and support methodologies.

Last Updated By:

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