



Administrative Office of the Courts

Job Description

Job Title:	AOC Software Developer	Grade:	IT08
Division:	Court Information Systems	Revision Date:	Current

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:

The AOC Software Developer is responsible for developing and supporting frontend and backend applications that support the Arkansas Judiciary. The Software developer will be part of a cross-functional team that is responsible for the full software development life cycle from conception to deployment of a court management program. The court management program will be a cloud-based system.

JOB DUTIES:

- Work on an Agile team
- Work with the build new team to develop a new court management system
- Participate in quarterly planning sessions
- Design, code, debug, and test application software and reports.
- Monitor, optimize, and tune applications and reports for maximum performance.
- Aid in the testing and debugging of new and existing application software.
- Execute tasks conforming to formal techniques, standards, policies, and procedures.
- Troubleshoot user-reported application and report issues.
- Provide technical assistance to application users when needed.
- Document and report on daily progress, procedures, and activities.
- Maintain application and report documentation.
- Other duties as assigned

QUALIFICATIONS:

- **Education**
 - A Bachelor of Science degree in Computer Science or a related field
- **Experience**
 - Three years of relevant experience including at least two years in an application development role

KNOWLEDGE, SKILLS, ABILITIES:

- Knowledge of ASP.NET Core and Entity Framework Core frameworks
- Knowledge of REACT, Next JS, Material UI
- Knowledge of and experience developing with the C# programming language
- Knowledge of or experience developing solutions in the cloud
- Knowledge of database systems and the integration of those databases into the development of system software
 - Ability to create, debug and optimize SQL queries
- Knowledge of and experience developing with JavaScript, CSS and HTML
- Knowledge of and experience working with version control systems like GIT
- Knowledge of and experience working with the Linux operating system and containers as a system platform
- Knowledge of and experience with Dev / Ops Deployment systems
- Knowledge of AWS services

- Knowledge of AWS lambda
- Ability to develop visually appealing front-end websites including translating mock-ups into front-end code
- Ability to design and implement automated testing including test driven development
- Ability to design and develop RESTful web APIs
- Strong analytical and problem-solving skills
- Strong interpersonal 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
- Knowledge of application development in Linux and Windows server operating system environments.
- Ability to effectively multitask.
- Ability to work as part of a 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.
- Programmers/Software Engineers must be familiar with industry accepted business practices and computer application development and support methodologies.

Last Updated By:	
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