



Administrative Office of the Courts

Job Description

Job Title:	AOC Jr. Software Developer	Grade:	IT06
Division:	Court Information Systems	Revision Date:	August 31, 2023

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 Jr. Software Developer is responsible for developing and supporting frontend and backend applications that support the Arkansas Judiciary. The Jr. 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.
- Other duties as assigned

QUALIFICATIONS:

- **Education**
 - A Bachelor of Science degree in Computer Science or a related field

KNOWLEDGE, SKILLS, ABILITIES:

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

Last Updated By:	
------------------	--