WASHINGTON COURTS

INFORMATION TECHNOLOGY SOLUTIONS ARCHITECT

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Exciting Career Opportunity!

BENEFITS OF WORKING FOR AOC

- The state of Washington offers a comprehensive benefits package, including health, dental, life and long-term disability insurance
- Vacation leave
- Sick leave
- Shared leave
- Family – Medical leave
- Military and Civil leave
- Eleven paid holidays per year
- A state retirement plan
- Deferred Compensation Program
- Membership in the Public Employees' Retirement System
- Opportunities to participate in a Medical Flexible Spending Arrangement and Dependent Care Assistance Programs

WHERE IS AOC LOCATED?

The Administrative Office of the Courts is located in Olympia, Washington, on Interstate 5 between Seattle, Washington and Portland, Oregon. Olympia and the surrounding Thurston County area offer numerous social, recreational, educational, and cultural opportunities. Natural features include Puget Sound, the Olympic National Park to the west, and Mt. Rainier to the east. Mount St. Helens and the Pacific Ocean beaches are within a two hour drive of the city.

SALARY: $74,604 to $97,884 per year DOQ

LOCATION: Olympia, Washington

OPENS: October 11, 2017

CLOSES: November 17, 2017; first review of applications to begin November 3, 2017. Candidates are encouraged to apply early. AOC reserves the right to close the recruitment at any time.

POSITION PROFILE

An information technology solutions architect (SA) develops options and recommendations for information technology designs and solutions to meet business requirements and resolve identified business problems within Washington's judicial branch of government.

Reporting to the manager for the Office of Architecture and Strategy Manager, this expert level professional works under general supervision to develop system architecture and designs in support of projects and applications. The SA also interacts regularly with executive leadership, agency management, all levels of division staff, and staff assigned to specific projects.

DUTIES AND RESPONSIBILITIES

Converts business requirements into a design that will become the blueprint for the solution being created to solve an identified business problem. Ensures that technology solutions are cohesive, align with the enterprise architecture standards, and strategic IT roadmaps, while meeting the customer needs. Employs effective reusable application design and software engineering strategies and best practices. Participates in solution design reviews and other project related checkpoints. Provides options and recommendations for technical designs and solutions to internal/external stakeholders and AOC executive leadership.

Reports to the Architecture and Strategy Manager. Positions in this classification interact with executive leadership, agency management, external stakeholders, all levels of division staff, and staff assigned to specific projects. Work is done under general direction, and as assigned by management.

Solution Planning

- Serves as the solution lead to assess available project information to understand the scope of project, the current IT and business environment, objectives and priorities of the organization.

- Validates and/or defines and documents the proposed, high-level solution.
- Analyzes technical risks and advises on risk mitigation strategies.
- Identifies resource skills needed to deliver the proposed solution.
- Provides information and expertise to the Project Manager and Business Analyst to assist with development of a high-level project schedule, resource plan for the project, and project costs.

Solution Outline

- Prepares for the delivering of the application or system by evaluating and selecting the methodologies and tools.
- Analyzes available assets (frameworks, reference architectures, etc.) to bridge the gap between the as-is architecture and the to-be architecture.
- Understands and applies knowledge of complex technology environments and solution architecture practices across the necessary analysis, technical architecture, and design tasks to develop well-integrated, cost-effective solutions for the business problems in the assigned projects.
- Works with the Business Analyst to document/refine requirements (functional and non-functional) and to addresses compliance requirements.
- Establishes high-level models that guide solution architecture design, sub-architecture, or deployment; and reviews with all interested parties.
- Adheres to IT standards. Collaborates with Enterprise Architects and Project Managers to optimize and balance long-range architectural objectives and project constraints while maintaining customer value streams.
- Defines and documents the actions needed to close architecture gaps in support of business objectives.
- Participates in reviews of the designs, prototypes, and other technical deliverables to ensure they fulfill requirements and meet standards.
- Refines architectural decisions, at a project level, related to the infrastructure, data architecture, application architecture, patterns and designs, and security; to include:
    - Developing conceptual models and performing gap analysis.
    - Identifying services to be developed and integrated into IT solutions.
- Ensures the end-to-end service architectural roadmap to address the standard service and customization options.
- Defines and implements plans to address the service's integration points with other services.

Release

- Leads the overall design and works with the development teams during design phase of the projects.
- Provides guidance and oversight on the work performed by the development team. Duties include providing basic guidance to development and testing staff for assigned daily duties, monitoring work product and quality, and assisting project managers in project planning.
- Ensures the progression of the solution development through to implementation and customer acceptance and rollout to production.

Participates in solution design reviews and other project related checkpoints.

Analyzes, learns, and applies new technology and architecture trends in alignment with the AOC Enterprise Architecture direction.

SPECIAL NOTE:

All employees hired by the Administrative Office of the Courts are required to be fingerprinted for a criminal history background check with continued employment with the AOC contingent upon the results of this background check.

Application materials will be screened for the purposes of determining who will be selected for an interview.

Continuously enhances the AOC solution architecture knowledgebase by creating reusable common design patterns and solutions.

Independently prepares written materials and gives oral presentations to project stakeholder groups and AOC leadership to communicate and educate stakeholders on solution recommendations and technology options.

Presents solution designs to enterprise architecture and agency leadership for review and approval of the designs.

Provides input to ISD planning and budgeting.

Performs other duties as required.

Please refer to the job description at www.courts.wa.gov/employ for more information.

QUALIFICATIONS AND CREDENTIALS
A Bachelor's degree in an information technology discipline; Master's degree or post-graduate work preferred; **AND**

At least four (4) years of senior level experience in designing of complex IT systems including substantive experience providing architectural guidance and/or supervision to developers/teams as an Architect or Lead Developer/Engineer; **AND**

Substantive experience working across expansive, multiple areas of software, hardware, networking, and integration of diverse technology areas (such as mainframe (Z/OS), Z/Linux, WebSphere & Java, COBOL, Natural, Microsoft BizTalk and Microsoft.net, DB2 and SQL Server, etc. based applications).

Relevant experience may substitute for education on a year for year basis.

THE PREFERRED CANDIDATE WILL HAVE
One or more certifications in the area of architecture such as The Open Group Architecture Framework (TOGAF), Microsoft Certified Architect (MCA), etc.

APPLICATION PROCEDURE

To be Considered for this Position, Please Submit:

- A **cover letter** specifying how you meet the qualifications of the position (no more than two pages);
- A chronological **resume** describing your prior job experience to include employers, dates of employment (by total months/years), description of duties, and education; and
- A completed AOC **Application for Employment** (found at www.courts.wa.gov/employ, then click on Current Openings link, go to bottom of page).

Failure to submit the required materials listed above may eliminate your application from consideration.

Submission by email is preferred: Employment@courts.wa.gov; or you can fax to (360) 586-4409; or send by mail to Administrative Office of the Courts, PO Box 41170, Olympia, WA 98504-1170