
TITLE: Senior Software Architect
REPORTS TO: Chief Software Architect
WORK WEEK: Standard **TYPE OF EMPLOYMENT:** Full Time Permanent

ROLE OBJECTIVE:

Reporting to the Chief Software Architect, the Sr. Software Architect is responsible for defining technical requirements, performing research to reduce architectural uncertainty and defining high level design for new and existing products to meet complex requirements.

KEY PERFORMANCE MEASURES:

Assist in articulating the architectural vision, conceptualizing and experimenting with alternative architectural approaches, creating models and component and interface specification documents, and validating the architecture against requirements and assumptions. A sound sense of business and technical strategy is required to envision the "right" architectural approach to the customer's problem set, given the business objectives of the architect's organization.

Specific areas of responsibility include; working with external customers and internally with product management to understand and develop the software requirements specifications for Adlib's software products. In addition, developing the high level architecture, design and initial software design specification. This will include performing researching and developing prototypes based on sound and innovative techniques to reduce technical uncertainties to an acceptable level. Assist the Research and Development team communicate the initial software design specification to the product development team. Participating in the ongoing development of the product architecture and providing technical consultation to product development team.

This job specification should not be construed to imply that these requirements are the exclusive standards for the position. Incumbent may be required to perform any other related duties as may be requested by their team manager.

RESPONSIBILITIES & DUTIES:

To effectively fulfill the responsibilities of this position, the candidate must be able to contribute and fulfill their responsibility in the following technical and business environments:

- Working with all stakeholders on requirements gathering and solution proposals
- Developing software requirement to specifications
- Perform research and prototyping to reduce techniques uncertainties to an acceptable level
- Familiar with common software design and Architectural patterns



- Transforming requirements into sound (High level) software design specifications
- Working on multiple OS platforms with focus on Windows
- C#, Java programming languages
- XML, XSLT, XSL-FO technology
- Web Technologies such as ASP, HTML, PHP and SOAP/REST web services
- Able to work in multi-threaded applications that leverage multi-core servers
- Experience with Oracle and SQL Server
- Worked with Enterprise Content Management (ECM)
- Familiar with ISO PDF Standards
- Familiar with standards produced by organizations such as www.w3.org and www.oasis-open.org
- Familiar with Agile development lifecycle
- Perform other tasks as requested by the Chief Software Architect

QUALIFICATIONS:

This person must have a minimum of ten years work experience, using these tools and be familiar with standard software development concepts, practices and procedures. Ideally this person will have completed a degree/diploma in computer science and have strong research and analysis skills. The incumbent must be able to demonstrate broad knowledge and technical ability and problem solving skills. They possess excellent organizational, leadership, interpersonal and communication skills, as well as the ability to work effectively under pressure.

COMPANY EXPECTATIONS:

- Professional conduct with both internal and external customers
- Demonstrate a commitment to all facets of the role; working towards the achievement of the company goals and objectives
- Creativity and innovation within the confines of the company's vision, goals and strategic direction