

XML Database Administrator –

General

- Raise the bar in defining and achieving excellence.
- Provide technical leadership for strategic use of XML, XQuery, and XML content stores.
- Provide technical leadership for strategic enterprise business intelligence initiatives.
- Ensure technical solutions leverage industry best practices for security, internationalization, performance, reliability, scalability, maintainability, supportability, business continuity, and business agility.
- Stay current on technologies, technology trends and directions, and best practices.
- Evaluate potential technologies for use within the enterprise.

Specific

- Administer MarkLogic XML Content Servers
 - Ensure MarkLogic service level agreements are met concerning backup, availability, performance, and security in production, stage, test, and development environments.
- Work with developers
 - Design and optimize XML schemas, XQueries, indexes, entity extraction, search strategies, SVM classes, lexicons, and thesauri for use in MarkLogic XML Content Server.
 - Design ETL jobs to transform XML for the data warehouse and other data integration projects.
 - Ensure high quality software by doing requirement analysis, data modeling, software design, software coding, design and code reviews, documentation, and implementation of methodologies.

Qualifications

Required Qualifications

- Exceptional talent in data modeling, software design, and programming.
- Exceptional self-motivation and aptitude to master new technologies.
- Exceptional pragmatism for solving difficult problems in simple ways.
- Exceptional diligence in working out details of a problem and its solutions.
- Exceptional ability to write, communicate, teach, cooperate and lead.

Desired Qualifications —*Optional*

- Experience with database development, administration and modeling.
- Experience with XML, XHTML, XQuery, SQL, XSLT, DTD, and XML schema.
- Experience with XML markup: structural markup, semantic markup, and entity markup.
- Experience with object-oriented programming languages such as Java and C#.
- Experience speaking more than one language.
- Experience with linguistics, lexicons, thesauri, full-text indexing, entity extraction, business intelligence, and document management.
- Experience developing using Office Open XML, particularly Microsoft Word 2007 XML and Excel 2007 XML.

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- Experience using XML editors such as oXygen, XMLSpy, and XMetaL.
- Experience using the MarkLogic XML Content Server.
- Experience using Business Object Text Analytics.
- B.S. in Computer Science.

Profile

Job Field Infrastructure

Locations UT-Salt Lake City

Organization AltaCS

Schedule Full-time