

Lane Council of Governments Job Classification

Working Title:	Senior Web Developer	FLSA Status:	Exempt
Job Classification:	Senior Systems Analyst		
Division:	Administrative Services	Range:	25
Reports To:	Information Systems Manager	Last Revised:	Oct 2005

General Statement of Duties

Works in a collaborative team-oriented environment to design, build, and maintain sophisticated database-driven Internet and Intranet applications, including GIS capabilities. Administers multiple production and development IIS web servers, installs software, manages middleware, troubleshoots complex configuration issues, and performs system diagnostics and maintenance activities. Assists in the planning for acquisition, installation, and maintenance of new software, web servers, and middleware.

Supervision Received

Work is performed under applicable policies, guidelines, and managerial direction. Work performance is evaluated through periodic conferences and reports and through the adequacy and timeliness of records, reports and services provided. Work often demands independent judgment.

Supervision Exercised

None.

Resource Responsibility

Provides input on budget decisions or recommendations related to IS application development. Moderate responsibility for maintaining applications, hardware and software related to development.

Essential Job Functions

Acts as developer for the agency's database-driven internet applications, many of which incorporate GIS functionality.

Collaborates and communicates effectively with LCOG clients, LCOG staff, and staff from regional government agencies.

Administers web servers, including planning and installing software patches, troubleshooting, and performing proactive system maintenance.

Prepares test data and conducts detailed application testing.

Implements program changes in response to requests for additional system capabilities; assists with determining user needs and required program changes and coordinates changes with other affected users.

Serves as member of project team to select hardware, systems software and application software associated with web development.

Provides expertise and assistance in maintaining security for web related systems and web server administration.

Performs research to keep in touch with industry standards for technology related to web development.

Plans, consults, researches, programs, installs, and maintains web related systems.

Diagnoses and resolves complex hardware and/or software problems related to web systems under their responsibility.

Other Job Functions

Provides back-up support to other positions as needed.

May provide guidance, assistance, and training to Information Services and other staff.

Performs other related duties as assigned.

Working Conditions

The work is performed primarily indoors primarily during regular LCOG business hours requiring hand/eye coordination in the operation of computers and related equipment.

Knowledge, Skills, and Abilities

Considerable skill in writing web applications that retrieve and update information in relational databases.

Considerable skill in writing database queries, updates, and deletes, as well as executing stored procedures from within applications.

Thorough understanding of relational database concepts and ability to read entity-relationship database diagrams.

Considerable experience developing logical and easy-to-navigate web application interfaces.

Proven ability to work effectively as part of a cohesive product-development team.

Considerable experience using Microsoft SQL Server or other enterprise-level database platform.

Fluent in ColdFusion, Fusebox, VB and/or VB.Net, HTML and XML.

Knowledge of Java and Java middleware components.

Considerable knowledge of web server hardware capabilities and a wide variety of web-related software applications.

Knowledge with ESRI GIS products and data formats, including ArcIMS and ArcSDE .

Ability to communicate effectively with a broad spectrum of clients and with other employees using tact, courtesy, and good judgment.

Ability to work with accuracy and attention to detail to meet deadlines.

Ability to understand and execute oral and written instructions, policies, and procedures.

Considerable Project Management skills, including ability to provide time estimates and Prepare accurate records and reports.

Ability to physically perform assigned duties.

Education and Experience

Bachelor's degree in computer science or related field and five years progressively responsible experience in analyzing and programming data processing systems; or any combination of education and experience which would provide the applicant with the desired skills, knowledge and ability required to perform the job.

Licenses, Certificates, and Other Requirements

None.