

## Web Application Developer II

Class Code	OT Status	EEO Category	Represented Status	Salary Grade	Effective Date	Status	Pages
	Non-Exempt	Professional	PEU Local One	65	04/27/06	Classified	1 of 2

**DEFINITION:** Under direction, uses analytical and computing skills to document, develop, install and maintain programs, web services, and databases for custom and commercial network applications to meet the changing needs of the user community by utilizing excellent communication and project management skills and applying best practices of programming, data/web management and database design with current technologies.

**DISTINGUISHING CHARACTERISTICS:** The Web Application Developer II classification generally requires at least three years of progressive experience. Incumbents develop custom applications and routinely interact with users during all phases of a project. Flexibility, problem solving, effective listening, and effective written and verbal communication skills are necessities. Incumbents are responsible for documenting systems design and code and following industry standards for project management and program development.

**EXAMPLES OF DUTIES/ESSENTIAL FUNCTIONS:** Duties/essential functions may include, but not be limited to, the following:

- Develop custom applications and databases according to requirements using current development tools.
- Install and maintain network-based commercial applications and related data.
- Query and export data from district information system and import it into local applications.
- Develop streamlined procedures/scripts for handling routine updates.
- Create SQL databases; Write and revise SQL scripts to automate SQL database tasks.
- Create and run custom reports from databases as requested.
- Manage secure applications that authenticate against accounts in various forms of directory services.
- Manage web applications and configure web services.
- Design and develop web-enabled applications that securely interact with a back-end SQL database.
- Keep applications and data updated and secure by monitoring and installing most recent patches and updates.
- Serve as a technical resource.
- Document design, coding and version testing using industry standards.
- Provide user support and training.
- Write and maintain instructional and systems documentation.
- Ensure software quality assurance through testing and validation.
- Interact with the user community and technical staff to gather requirements and regularly evaluate application effectiveness.
- Perform related duties as assigned.

### **MINIMUM QUALIFICATIONS:**

**Knowledge Of:** Industry standard developer tools for building network applications (TCP/IP); Relational database design and Structured Query Language; Software design, life-cycle and quality assurance



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principles; Systems analysis and design; Web server applications and operating systems; Standard Business English, grammar and spelling; Project management principles and practices;

**Ability To:** Develop the architecture for network-based applications and databases; Assimilate and organize electronic data in a logical, consistent manner; Communicate in a clear, concise manner to a variety of audiences in a variety of venues; Collaborate well with colleagues and customers; Work in a team environment and handle problems in a tactful, purposeful manner; Follow procedures as well as create and implement new ones; Apply multiple, flexible, creative, effective problem solving strategies; Plan effectively, attend to details and meet deadlines; Stay current with emerging trends and technologies.

**Education/Training:** Equivalent to completion of a two-year (AA) degree from an accredited college with major course work in computer science, business, or a related field.

**Experience:** Three years of experience as a Programmer or Web Application Developer with significant experience as a database analyst. Additional directly related education may be substituted for up to one year of the required experience.

**License/Certification:** None.

**Actions:** Initial adoption by the Governing Board on 04/26/06.