MAJOR FUNCTION
This is advanced technical and IT professional application development work designing, developing, implementing and maintaining applications and systems for internal and external users. The incumbent works closely with a Project Manager, other technical staff and functional representatives of City departments to assist them in creating effective accessible business solutions and enterprise applications. Work is performed under the supervision of a Project Manager or higher-level supervisor and is reviewed for achievement of desired results through regular status meetings and written reports.

ESSENTIAL AND OTHER IMPORTANT JOB DUTIES

Essential Duties
Develops IT applications for mission critical business functions. Defines project objectives by analyzing user requirements and envisioning system features and functionality. Performs detailed analysis and evaluation, and makes recommendations to resolve simple to complex business problems with the appropriate technology. Designs and develops user interfaces to business, applications by setting expectations and feature priorities throughout the development lifecycle. Determines design methodologies and tool sets. Produces solutions using various programming languages and/or software products. Completes application development by coordinating requirements, schedules, and activities. Plans, organizes and conducts meetings as needed with technical and functional resources for communication of business requirements, status updates, and project reviews. Troubleshoots development and production problems across multiple environments and operating platforms. Integrates applications by mapping database architecture, server scripting and producing web services. Supports users by developing documentation and assistance tools for implemented solutions. Coordinates the development, testing and implementation of business solutions with all appropriate parties. Provides clear and concise written and oral communications to technical staff, functional representatives and supervisor. Works in a team environment including collaborating on solutions from concept to completion. Provides technical expertise in the development and evaluation of request for proposals. Performs related work as required.

Other Important Duties
Keeps informed and abreast of major trends and developments in information technology by researching new technologies and software products through professional publications and other means. Participates in educational opportunities. Communicates and relates technology trends and practices to City business community. Performs related work as required.

DESIRABLE QUALIFICATIONS

Knowledge, Abilities and Skills
Considerable knowledge and understanding of computer systems and programs, web technology and current industry trends and best practices for enterprise application development, policies and procedures, project management requirements, procedures and techniques. Knowledge of content management systems. Knowledge of all aspects of product development cycle. Knowledge of enterprise application development using multiple programming technologies, leveraging multiple platforms in any hosting environment. Ability to analyze and convert business requirements into design specifications. Ability to apply sound change management techniques in implementing technical solutions. Ability to work with both IDE (integrated development environment) and text based coding. Ability to conduct independent research and define results. Ability to devote required attention to detailed work. Ability to interact effectively with functional representatives and technical co-workers one-on-one and/or in team environments. Ability to organize time and resources for maximum benefit. Skill in verbal and written communication. Skill in time management, and self-motivation. Strong analytical, design, and coding skills for providing simple to complex business

solutions recommendations. Skills to include, but not be limited to, use of the following tool sets: Microsoft Office 2010 desktop toolset, (Access, Word, Excel, etc), Sharepoint 2010 Server, system support and/or development in client/server environment, working knowledge of an Open Database Connectivity (ODBC) database (Oracle, MSSQL, etc.), Windows Server 03/08 and Linux/Unix, and a understanding of networks and network design. Web application development skills using C#, Java, VB.NET, HTML, BEA Web-logic, Web Content Management Systems or comparable application development skills and knowledge of PeopleSoft inc., application design and supporting toolsets.

Minimum Training and Experience
Possession of a bachelor's degree in computer science or a related field and two years of technical experience in design and development of enterprise and business applications; or an equivalent combination of training and experience.

Necessary Special Requirement
Designated positions assigned to this class may require a valid Class E State driver's license at the time of appointment.

Designated positions assigned to this class may require experience in application development using Visual Studio (or similar) IDE to build solutions utilizing Java Servlets, Java Server Pages, JavaScript, JQuery, .Net Web Services, HTML, XML, ,Oracle and SQL server technologies. Development and deployment of client-server web and mobile applications that access relational databases across LAN, WAN, or internet infrastructure. Experience in the creative design of applications and ability to use graphic design software to enhance the user experience.

Established: 11-12-14
Revised: 10-13-15
10-12-16