



**Code: 06D7**  
Family: IT-Engineering  
Service: Administrative  
Group: Clerical, Accounting, and General Office  
Series: Information Technology

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## **CLASS TITLE: MOBILE DEVELOPER**

### **CHARACTERISTICS OF THE CLASS**

Under supervision, this is a front-end development position responsible for creating the user-facing aspects of the solution through the code that is executed in the users' browser, and performs related duties as required.

This class is assigned to the City's Engineering Information Technology Job Family which consists of engineers and developers responsible for designing, building, testing, deploying, and supporting IT products and solutions.

### **ESSENTIAL DUTIES**

- Develops understanding of user's intentions and creates functional designs, prototypes, and templates in keeping with the user's goals and the city's business objectives
- Develops, tests, implements, and maintains web-based application systems
- Troubleshoots system problems and issues and looks for ways to improve the application
- Assists in the collection of end-user/requestor requirements
- Participates in short-term planning efforts with stakeholders and IT groups
- Participates in end-user/requester sessions and interactive design sessions
- Converts UX requirements into high quality solutions
- Uses object-oriented design patterns for separation of concerns, code reusability, security, and performance
- Develops content-managed and database-driven websites
- Maintains and enhances existing websites and internal tools
- Translates agile software development stories into reusable units of functionality
- Prepares software packages and documentation for deployment that adhere to the defined standard deployment policies
- Assists in the development of usability test plans
- Prepares materials for usability testing
- Tracks down and fixes bugs, performance issues, or display issues
- Troubleshoots system problems and issues and looks for ways to improve the application
- Stays abreast of current trends on new technologies

**NOTE:** *The list of essential duties is not intended to be inclusive; there may be other duties that are essential to particular positions within the class.*

### **MINIMUM QUALIFICATIONS**

#### **Education, Training, and Experience**

- Three (3) years of dynamic front-end web development work experience, or an equivalent combination of education, training, and experience.

#### **Licensure, Certification, or Other Qualifications**

- None

## **WORKING CONDITIONS**

- General office environment

## **EQUIPMENT**

- Standard office equipment (e.g., phone, printer, copier, computers, mobile devices)
- Standard productivity suites (e.g., Microsoft Office Suite, OpenOffice, Google Workspace)

## **PHYSICAL REQUIREMENTS**

- No specific requirements

## **KNOWLEDGE, SKILLS, ABILITIES, AND OTHER WORK REQUIREMENTS**

### **Knowledge**

Some knowledge of:

- \*mobile platforms
- \*concepts related to user experience, and user-centered design methodologies and best practices
- \*applicable computer programming languages and development platforms
- \*programming logic and data manipulation
- \*designing, constructing, and implementing web-based software applications and tools
- \*methods, practices, and procedures for analyzing business needs
- \*applicable computer operating systems
- \*methods, practices, and procedures for analyzing and resolving computer and software related problems
- IT systems development practices, standards, and procedures including Agile Software Development practices
- technical project management practices
- web application usability, presentation, and interface design practices
- business system documentation methods, practices, and procedures

Knowledge of applicable City and department policies, procedures, rules, and regulations

### **Skills**

- **ACTIVE LEARNING** - Understand the implications of new information for both current and future problem-solving and decision-making
- **ACTIVE LISTENING** - Give full attention to what other people are saying, take time to understand the points being made, ask questions as appropriate, and not interrupt at inappropriate times
- **CRITICAL THINKING** - Use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions, or approaches to problems
- **COMPLEX PROBLEM SOLVING** - Identify complex problems and review related information to develop and evaluate options and implement solutions
- **TIME MANAGEMENT** - Manage one's own time or the time of others
- **COORDINATION WITH OTHERS** - Adjust actions in relation to others' actions

- JUDGEMENT AND DECISION MAKING - Consider the relative costs and benefits of potential actions to choose the most appropriate one
- SYSTEMS ANALYSIS - Determine how a system should work and how changes in conditions, operations, and the environment will affect outcomes

### **Abilities**

- COMPREHEND ORAL INFORMATION - Listen to and understand information and ideas presented through spoken words and sentences
- SPEAK - Communicate information and ideas in speaking so others will understand
- COMPREHEND WRITTEN INFORMATION - Read and understand information and ideas presented in writing
- WRITE - Communicate information and ideas in writing so others will understand
- CONCENTRATE - Concentrate on a task over a period of time without being distracted
- RECOGNIZE PROBLEMS - Tell when something is wrong or is likely to go wrong
- REASON TO SOLVE PROBLEMS - Apply general rules to specific problems to produce answers that make sense
- COME UP WITH IDEAS - Come up with a number of ideas about a topic
- MAKE SENSE OF INFORMATION - Quickly make sense of, combine, and organize information into meaningful patterns
- REACH CONCLUSIONS - Combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events)

### **Additional Competency Requirements**

- COMMUNICATION FOR RESULTS – Writes, speaks and presents effectively. Explains the immediate context of the situation, asks questions with follow-ups and solicits advice prior to taking action. Develops presentations to influence others by using graphics, visuals or slides that display information clearly. Listens and asks questions to understand other people's viewpoints.
- GROWTH MINDSET – Takes ownership of personal growth. Identifies knowledge gaps. Asks questions of subject matter experts and seeks help when needed. Keeps abreast of information, developments and best practices within a field of expertise (e.g., by reading, interacting with others or attending learning events).
- INITIATIVE – Volunteers to undertake tasks that stretch his or her capability. Identifies who can provide support and procures their input. Identifies problems and acts to prevent and solve them.
- OWNERSHIP AND COMMITMENT – Volunteers to undertake tasks that stretch his or her capability. Checks the scope of responsibilities of self and others. Monitors day-to-day performance and takes corrective action when needed to ensure desired performance is achieved. Identifies problems and acts to prevent and solve them. Identifies who can provide support and procures their input.
- ANALYTICAL THINKING – Undertakes a process of information and data collection and analysis for integration purposes. Identifies and makes sets of information and determines their relationships. Makes logical deductions from data. Identifies a solution for resolving the problem.

- **BUSINESS FUNCTION KNOWLEDGE** – Asks questions to determine the needs of a specific business function. Assesses the impact on business functional requirements prior to taking action.
- **CUSTOMER PARTNERSHIP** – In response to requests for new types of assistance, refers representatives of the customer to the appropriate IT contact. Gathers information about customers' business and technology products and services. Solicits customer recommendations for improved day-to-day functionality and translates simpler recommendations into technical business requirements.
- **PROBLEM SOLVING** – Asks questions and looks for data that helps to identify and differentiate the symptoms and root causes of everyday, defined problems. Suggests remedies that meet the needs of the situation and those directly affected. Escalates issues appropriately.
- **SYSTEMS THINKING** – Investigates the critical relationships between primary business, technology and system platforms. Devises approaches that recognize the interdependencies of key system components.
- **CREATIVITY** – Participates in problem-solving discussions and suggests ideas as opportunities arise. Accepts that new ways of doing things can improve individual and team results.

Other competencies as required for successful performance in the lower-level series.

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All employees of the City of Chicago must demonstrate commitment to and compliance with applicable state and federal laws, and City ordinances and rules; the City's Ethics standards; and other City policies and procedures.

The City of Chicago will consider equivalent foreign degrees, accreditations, and credentials in evaluating qualifications.

\* May be required at entry.

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City of Chicago  
Department of Human Resources  
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