



Technology Analyst - Underfill of a Technology Analyst Supervisor

J o b D e s c r i p t i o n

JOB INFORMATION

Approved Date:	4/29/2026 12:53:11 PM
Working Title:	Technology Analyst - Underfill of a Technology Analyst Supervisor
Job Family:	Technology
Classification:	Technology Analyst

ORGANIZATION

Department:	Information Services
Cost Center/Program:	5162 - Information Services - Application Services
Exemption Status:	Exempt
Union:	AFSCME 1308 - Supervisors

JOB SUMMARY

The responsibilities of this classification include analyzing, planning, organizing and managing a network of databases; for writing and maintaining application programs; for the creation of maps, graphs, charts and/or web based applications and interfaces used in meeting the business and technological needs of the County. Assists the general public in accessing information and assists other technical staff and customer project teams in project development, planning and analysis.

Distinguishing Characteristics

The Technology Analyst classification is the third classification in a six-level classification series. It is distinguished from other classifications by the level of expertise required in evaluating, designing, maintaining, and operating high level systems and servers. Incumbents are responsible for evaluating, designing, maintaining, and operating high level systems and servers in support of enterprise-wide functions, provide IT planning and management of complex projects in support of specific County functions, provide business analysis for project management, develop web sites and applications, and serve as technical expert in telecommunications.

This position provides professional and technical expertise in support of all County departments. Your duties will include development, maintenance, and support of Oracle Forms, Oracle Reports, and PL/SQL-based applications. Your duties will also include Microsoft SQL Server database maintenance, upgrades. In addition to database programming for both SQL Server and Oracle, this position will also create and maintain Visual Studio C# custom integrations and applications. Other duties include Microsoft Power Platform technical services, general program/system testing, implementation and maintenance; business analysis; data and database administration; application procurement; technical training; and systems integration.

JOB FUNCTIONS

Essential Functions

Essential Function	% TIME
Support existing technology solutions (software and database). Analyze and document errors. Fix problems, or coordinate fixes with vendors. Repair data and database structures and software issues. Monitor performance. Plan and test upgrades to operating systems, utilities and applications.	40%
Define needs, analyze and design, develop, test, train and deploy software and database solutions. Develop and maintain application and system documentation.	25%
Provide technical leadership, expertise, and project management services in areas of assignment to County departments and outside agencies	15%
Administrative tasks involving but not limited to: providing project team task updates; customer, supervisor and team member communication; time tracking; training; and collaboration on new programming methods	10%

Essential Functions

Essential Function	% TIME
Provide end user and staff training of enterprise applications, technology processes, and internal controls	5%
Develop Requests for Proposals, define evaluation criteria, recommend vendors and applications and negotiate license and maintenance agreements.	5%

Required for All Jobs

<ul style="list-style-type: none"> Performs other duties as assigned
<ul style="list-style-type: none"> Complies with all policies and standards

This Job is Essential

QUALIFICATIONS

Education			
Education Level	Education Details	Required/Preferred	
Bachelor's Degree	In Information Technology or related field	Required	

Work Experience

Experience	Experience Details	Required/Preferred	
4 years	4 years experience related to area of assignment	Required	
	Oracle Forms, Oracle Reports, and Procedural Language SQL programming.	Preferred	
	Microsoft SQL Server, Transact SQL Programming.	Preferred	
	Microsoft Visual Studio, ASP.NET, MVC, C#.	Preferred	
	Microsoft Power Platform.		

Licenses and Certifications

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/Preferred	
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Equivalency

Knowledge, Skills and Abilities

KSAs	
Appear for scheduled work and complete assigned tasks within a reasonable period of time.	
Establish and maintain effective working relationships with others using tact, courtesy and good judgment.	
Maintain confidentiality and adhere to policy and procedures of the county and department.	
Communicate effectively orally and in writing.	
Utilize various computer applications specific to the department including databases, word processing, document imaging, spreadsheets, and web-based systems for entering, retrieving and researching data and records.	
Physically perform assigned duties and essential functions of the position.	
Proficiency with Microsoft SQL Server management Studio (SSMS)	
Creating and managing SQL Server Agent jobs for scheduling automated tasks	
Proficiency Writing and debugging T-SQL and PL-SQL code, queries, stored procedures, functions	
Monitoring and troubleshooting using tools such as Activity Monitor, Execution Plans and SQL Profiler	

Experience with database backup and restoration	
Experience with database platform and data migrations	
Familiarity with linked servers, database mail, maintenance plans	
Skill handling multiple tasks	
Computer technology and database design concepts, principles, practices, and techniques	
Programming languages and techniques and data conversion methods	
Techniques of analysis and presentation	
Mathematics pertinent to area of assignment	
Customer service techniques	
Creating and maintaining applications using system development tools	
Managing projects and prioritizing time and tasks; summarizing and presenting data	
Designing, creating and maintaining websites	
Establishing and maintaining effective personal relationships with County and other officials, at all organizational levels and with the public	
Systems analysis, structured design and programming methodologies.	
Current industry-standard computer programming languages.	
English language	
Principles and processes for providing customer and personal services.	
Varying software and database systems.	
Project management principles.	
Cyber security.	
General governmental procedures and practices.	
Broad knowledge of software programming; problem solving; systems analysis; needs analysis; communication and presentation; translator of technology; team work and leadership; negotiation; project management; and attention to detail (technical, analytical, management & communication skills)	
Lead project teams as well as work independently	
Communicate with team members and executive staff regarding business needs and strategies	
Develop technical requirements for all roles of a project	
Prioritize and organize work to meet prescribed deadlines for oneself and subordinates	
Establish and maintain effective working relationships with other employees and vendors	
Adapt quickly to changes in technology and maintain competency on emerging technologies through independent study	

Core Competencies

Demonstrates values-based competencies in line with the core values that are the foundation of all activities performed by employees in order to achieve the Mission of the Company:	
Time Management	Uses their time effectively and efficiently; values time; concentrates their efforts on the more important priorities; gets more done in less time than others; can attend to a broader range of activities.
Drive for Results	Can be counted on to exceed goals successfully; is constantly and consistently one of the top performers; very bottom-line oriented; steadfastly pushes self and others for results.
Customer Focus	Is dedicated to meeting the expectations and requirements of internal and external customers; gets first-hand customer information and uses it for improvements in products and services; acts with customers in mind; establishes and maintains effective relationships with customers and gains their trust and respect.

Remote Employment

Remote Employment Type:	
Remote Employment Text:	

Weight Bearing Activities

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Weight Bearing (Standing & Walking)		
Weight Bearing Standing		
Weight Bearing - Walking		
Walking on Uneven Terrain	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Running		
Jumping		
Climbing Ladder, stairs, stools	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	may periodically climb stairs
Balancing	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	to access low filing cabinets/ shelves
Bending at the waist	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	accessing files, office supplies, and equipment
Twisting at the waist	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	to access low filing cabinets/ shelves
Stooping Slight bend at knees		
Squatting		

Other - Non-Weight Bearing

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Sitting	Continuously: 67%+ - Occurs more than 5.6 hours per shift.	
Kneeling One or both knees		
Crawling On hands and knees		
Lying Down		
Back, side or stomach		

Lifting/Carry/Push/Pull

Lifting

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Lifting 0-10 lbs	Occasionally: 11-33% - Occurs 31 minutes to 2.5 hours per shift.	office supplies, paperwork, and files
Lifting 11-20 lbs	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	office supplies, paperwork, and files
Lifting 21-35 lbs	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	office supplies, paperwork, and files

Lifting

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Lifting 36-50 lbs	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Lifting 50 + lbs	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	

Carry

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Carry 0-10 lbs	Occasionally: 11-33% - Occurs 31 minutes to 2.5 hours per shift.	office supplies, paperwork, and files
Carry 11-20 lbs	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	office supplies, paperwork, and files
Carry 21-35 lbs	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	office supplies, paperwork, and files
Carry 36-50 lbs	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	

Pushing

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Pushing 0-10 lbs	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	file drawers, office equipment, files
Pushing 11-20 lbs	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	file drawers, office equipment, files
Pushing 21-35 lbs	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Pushing 36-50 lbs	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	

Pulling

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Pulling 0-10 lbs	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	file drawers, office equipment, files
Pulling 11-20 lbs	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	file drawers, office equipment, files
Pulling 21-35 lbs	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	

Pulling

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Pulling 36-50 lbs	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	

Upper Extremity/Arm Movement

	Dominant Arm - Frequency/Percentage Time/Max Time	Non-Dominant Arm - Frequency/Percentage Time/Max Time	Examples of how activity is performed
Reaching Above shoulder level	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	accessing files, office supplies, and equipment
Reaching at shoulder level	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	
Reaching below shoulder level	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	
Steering Equipment, Vehicles			

Cervical Spine/Neck Movement

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Extension of neck looking forward		
Flexion of neck looking downward		
Twisting of neck side to side		

Upper Extremity/Hand Activities

	Dominant Arm - Frequency/Percentage Time/Max Time	Non-Dominant Arm - Frequency/Percentage Time/Max Time	Examples of how activity is performed
Fine Manipulation			
Keyboarding/Typing			
Simple Grasp	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	office supplies, equipment, phone
Up & Down Flexion of Wrist			

Upper Extremity/Hand Activities

	Dominant Arm - Frequency/Percentage Time/ Max Time	Non-Dominant Arm - Frequency/Percentage Time/ Max Time	Examples of how activity is performed
Side to Side Motion of Wrist			
Turning/Rotation of wrist/hand			
Gross Manipulation			
Powerful Grasp/Tight Grasp	Seldom/Infrequent: 1- 10% - May occur, but not on a daily basis or less than 30 minutes per shift.	Seldom/Infrequent: 1- 10% - May occur, but not on a daily basis or less than 30 minutes per shift.	office supplies, equipment, phone
Hand Controls			
Repetitive Motion			

Sensory Functions (See, Hear, Smell)

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Sight: Distinguish objects, depth perception, field of vision, color identification, near and far acuity necessary to operate equipment, machinery, etc.	Continuously: 67%+ - Occurs more than 5.6 hours per shift.	documents, computer screen, files may be color coded
Hearing: Comprehend oral language and sounds and react appropriately. Follow oral directions.	Continuously: 67%+ - Occurs more than 5.6 hours per shift.	
Speaking: Orally communicate information and ideas with comprehension	Continuously: 67%+ - Occurs more than 5.6 hours per shift.	
Reading: Comprehend and retain the written word.	Continuously: 67%+ - Occurs more than 5.6 hours per shift.	documents, computer screen
Writing: Composing communications in writing		
Math: Compute a series of numeric variables, measurements		

Working Conditions

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Uneven Ground	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Exposure to Bloodborne Pathogens		

Working Conditions

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Work Outside	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Customer/Public Contact		
Work Inside	Continuously: 67%+ - Occurs more than 5.6 hours per shift.	office environment
High Elevations	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Moving Objects	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Slippery Surface	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Wetness	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Temp.Humid/ Extremes	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Temp. Cold Temp	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Confined Spaces	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Special Clothing	Continuously: 67%+ - Occurs more than 5.6 hours per shift.	
Vibration	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Use of Solvents	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Use of Detergent	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Chemical Contact	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Chemical Vapors	Never: 0% - Does not occur ever, or may not ever occur for some incumbent.	
Dust or Particles	Seldom/Infrequent: 1-10% - May occur, but not on a daily basis or less than 30 minutes per shift.	
Toxic Substances		
Explosives		
Radiation		
Electricity		
Noise intensity		

Mental/Psychological Demands

Mental/Psychological Demands	Required Yes/No (Blank)	Examples
Understand & follow directions – with little or no direction		
Memory – Ability to remember and recall procedures, processes and activities routine in nature.		
Regular and reliable attendance		
Ability to problem Solve		
Ability to perform complex & varied tasks		
Ability to develop & maintain positive work environments		
Ability to supervise/lead and influence others		

Operational Equipment

Physical Activity Performed	Frequency/Percentage Time/Max Time	Examples of how activity is performed
Foot Controls		
Mechanical/Electrical parts		
Driving – Regular Vehicle		
Driving DOT/CDL Vehicle		
Operate Heavy Equipment		
Operate Heavy Machinery		
Small hand tools		
Operate power equipment such as drill/saws		

Other Requirements

Equipment, Machines, Vehicles Operated:	
Tools, Implements Used:	
Special Knowledge, Skills and Abilities:	
Respirator Use Required (other than nuisance dust mask). Describe:	

PRE-EMPLOYMENT EXAMS

POST-EMPLOYMENT

COMPENSATION

Annual Max:	\$132,060.36
Annual Min:	\$103,226.76
Hourly Max:	\$0.00
Hourly Min:	\$0.00