

## Technical Services, Help Desk and Operations

### Support Technician

Maintains, analyzes, troubleshoots, and repairs computer systems, hardware, and computer peripherals. Documents, maintains, upgrades or replaces hardware and software systems. Supports and maintains user account information including rights, security, and systems groups. Performs basic operation, monitoring, installation, trouble shooting, relocations, or maintenance of communications equipment. Identifies and resolves basic communications problems. Prepares or assists in the preparation of service record documentation. Shows awareness of standards and regulatory requirements related to assigned tasks.

Assists in monitoring and providing assistance on the use and interface of systems, subsystems, and software applications. May be responsible for accessing data from and transferring data to various local, state, or federal databases. May assist in the review and recommendation of the procurement and inventory of information resources hardware or software. May write and update personal computer and mainframe application programs. Experience in automated data processing systems. Knowledge of the practices, principles, and techniques of computer operations, of information systems, of computer software and hardware, and of information security policies and procedures. Skill in the use and support of personal computers, in the use of applicable programs and systems, and in troubleshooting information systems. Ability to operate information technology systems, to communicate effectively, and to train others.

Provides assistance in the design, development, and maintenance of various system applications. Provides technical assistance and support for applications and hardware problems. Installs, maintains, moves, and assists in testing and upgrading new and existing hardware/software. Reviews and recommends procurement of information technology equipment. Maintains the necessary security controls over software. Makes presentations and briefings for training sessions. Prepares briefings, reports, and evaluations on system efficiency and utilization. May be responsible for accessing data from and transferring data to various local, state, or federal databases.

Installs, maintains, moves, and assists in testing and upgrading new and existing hardware and software. Reviews and recommends procurement of information technology equipment. Maintains the necessary security controls over software. Develops procedure manuals. Develops and makes presentations and briefings for training sessions. Prepares briefings, reports, and evaluations on systems efficiency and utilization. May supervise the work of others.

- **Level 1:** 1-3 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Primary job functions do not typically require exercising independent judgment.
- **Level 2:** 4-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. A certain degree of creativity and latitude is

- required. Works under limited supervision with considerable latitude for the use of initiative and independent judgment.
- **Level 3:** 8 or more years of experience, relies on experience and judgment to plan and accomplish goals, independently performs a variety of complicated tasks, a wide degree of creativity and latitude is expected.

## Help Desk

Provide technical assistance to computer system users on a variety of issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical support. Documents, tracks, and monitors the problem to ensure a timely resolution. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Answer questions or resolve computer problems for clients in person, via telephone or from remote location. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.

Provide service and preventive maintenance activities on terminals, printers, personal computers, etc. Basic knowledge of electrical/mechanical principles and basic electronics. Read and comprehend technical service manuals and publications. Knowledge of basic mathematics to read and understand various gauges, meters, and measurement devices. Able to diagnose and repair products by replacing worn or broken parts and making technical adjustments. Makes appropriate use of reference publications and diagnostic aids in resolving technical problems. Strong communication skills.

Assist in coordination of changes, upgrades and new products, ensuring systems shall operate correctly in current and future environment. Provide accurate and complete answers to general use and administrative environment questions in a timely manner. Implement shared software, such as operating systems, configuration management tools, application and development tools, testing tools, compilers, and code editors. Communicate accurate and useful status updates. Manage and report time spent on all work activities. Ability to work in a team environment.

Proven working experience in providing help desk support. Has a basic understanding of ITSM practices along with working knowledge of help desk software, databases and remote control. Able to receive calls and inquiries, provide support in accordance with established processes and document incidents and remedies. Must be great communicators and be able to translate their technical knowledge into actionable direction.

Has a basic understanding of EIR Accessibility and assistive technologies used by people with disabilities. Understands protocols for communicating with customers requiring special assistance to obtain required or requested information.

- **Level 1:** 1-3 years of experience in the field or in a related area. Handle Tier 1 help desk escalations through tickets or phone. Follow up on outstanding requests and ensure timely resolution. Create accounts and configure hardware as part of on-boarding process. Support audio and video equipment in conference rooms.
- **Level 2:** 4-7 years of experience in the field or in a related area. Provides the second level of support to end users by handling service requests that have been escalated by

lower tiers. Support will be provided onsite, remotely, over the phone, or via email. They will be required to develop solutions for network, desktop, and server problems.

- **Level 3:** 8 or more years of experience. Provides the highest level of support to end users by handling service requests that have been escalated by lower tiers. Support will be provided onsite, remotely, over the phone, or via email. They will be required to develop solutions for complex network, desktop, and server problems.

### Product Support Analyst

Evaluate failures, bugs, systemic problems, and hardware and report on necessary steps. Consider site-specific information like hardware, operating system, and user requirements to appropriately resolve problems. Install applications, hardware, parts, and/or equipment. Product Support Analyst common tasks include: troubleshoot, diagnose and repair product and service concerns; contribute to and use knowledge base; communicate ongoing problems and fixes internally and with customers; report on product and service problems; and guide customers on product features, product selection and configuration and implementation.

- **Level 1:** 1-3 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Primary job functions do not typically require exercising independent judgment.
- **Level 2:** 4-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. A certain degree of creativity and latitude is required. Works under limited supervision with considerable latitude for the use of initiative and independent judgment.
- **Level 3:** 8 or more years of experience, relies on experience and judgment to plan and accomplish goals, independently performs a variety of complicated tasks, a wide degree of creativity and latitude is expected.

### Business Continuity Analyst

Prepare companies for the event of blackouts or disasters in which company information could be lost. They analyze potential risks and losses and design, test and implement recovery plans.

- **Level 1:** 1-3 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Primary job functions do not typically require exercising independent judgment.
- **Level 2:** 4-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. A certain degree of creativity and latitude is required. Works under limited supervision with considerable latitude for the use of initiative and independent judgment.

- **Level 3:** 8 or more years of experience, relies on experience and judgment to plan and accomplish goals, independently performs a variety of complicated tasks, a wide degree of creativity and latitude is expected.

### Site Reliability Engineer

Responsible for availability, latency, performance, efficiency, change management, monitoring, emergency response, and capacity planning.” Site reliability engineers create a bridge between development and operations by applying a software engineering mindset to system administration topics.

- **Level 1:** 1-3 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Primary job functions do not typically require exercising independent judgment.
- **Level 2:** 4-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. A certain degree of creativity and latitude is required. Works under limited supervision with considerable latitude for the use of initiative and independent judgment.
- **Level 3:** 8 or more years of experience, relies on experience and judgment to plan and accomplish goals, independently performs a variety of complicated tasks, a wide degree of creativity and latitude is expected.

### Instructor Trainer

Responsible for preparing, conducting, and evaluating technical training programs. Writes literature and materials to be used in programs and designs exercises to enhance lectures. Shall deliver on-site and web-based training courses covering any number of software solutions.

Leads development of infrastructure for information delivery, as well as taking part in the writing and maintenance of training material and supplementary technical documentation. Creates instructor materials (course outlines, background material, instructional materials, and training aids), as needed for different COTS Products/Current IT-Driven in-house solutions as well as desktop support processes, i.e. Remote Access Systems, RAS step by step procedure. Assists with formatting training materials created by other DIR Staff as requested. Determines needs and develops plans to meet the need of customers. Assists in design of computer-based and multimedia curriculum. Shall be planning, directing and undertaking classroom training, electronic learning, multimedia programs, and other computer-aided instructional technologies, simulators, conferences and workshops. The trainer will manage the training program in accordance with business needs, regulatory requirements, and Quality Management System. Help staff with their productivity reporting both within and without the agency. Researches and recommends vendors and costs for various training methods including: training classes from outside vendors; books;

readymade training guides; computer or web based training. Stay current with developments in computer training field, especially alternative media/methods for instruction.

This instructor uses a computer to organize and draft a curriculum that breaks a complex subject into blocks or units of instruction, creates graphics, and integrates them into curriculum. Courses may be instructor based, computer-based, simulator based, interactive, or non-interactive. This instructor also teaches short technical courses in accordance with approved curriculum to maintain proficiency and to evaluate and develop new instructional techniques/courses. Job duties also include the following: incorporation of new curriculum in the teaching process (e.g., develops clarification or examples of application related to the subject matter), development and maintenance of classroom techniques that reflect professionalism and good discipline and enhance teaching, development of alternative teaching techniques and scenarios to maintain high motivation and interest in the subject areas, and while acting as the testing officer, the conducting of test analysis and development or revision of test items.-The Training Specialist is primarily responsible for working with a team of Training Specialist in technical and system curriculum delivery, revision and maintenance.

This specialist will gather, analyze, translate and compose technical information into clear, readable materials to be used by technical and non-technical personnel. Collect data and analyze audiences and training needs, based on new business processes and policies, and apply these into successful training delivery. This specialist will teach technical courses in accordance with approved curriculum to maintain proficiency and to evaluate and develop new instructional techniques/courses.

Has a basic understanding of EIR Accessibility and assistive technologies used by people with disabilities. Understands protocols for communicating with customers requiring special assistance to obtain required or requested information.

- **Level 1:** Minimum 3 to 5 years of training work experience delivering technical training. Minimum 3 years of experience conducting classes regarding software solutions, IT security, IT system installation, software programming, system maintenance, and repair of software, operational support best practices, and equipment. Experience with web-based learning management systems and e-Learning authoring tools. Expert knowledge of MS Office Suite 2010 (Word, Excel, PowerPoint, Outlook). A high degree of aptitude and flexibility to deliver training on a myriad of software products. Experience in delivering technical training in cloud-based technology is a plus.
- **Level 2:** Minimum 5 to 8 years of experience designing, developing and implementing training curricula. Develop training programs, including web-based and instructor led courses, job-aids, videos, etc. Minimum 5 years of experience conducting classes regarding standard operating procedures of various software solutions, IT security, IT system installation, software programming, system maintenance, and repair of software, operational support best practices, and equipment. Experience with web-based learning management systems and e-Learning authoring tools. Expert knowledge of MS Office Suite 2010 (Word, Excel, PowerPoint, Outlook). A high degree of aptitude and flexibility to deliver training on a myriad of software products. Experience in delivering technical training in cloud-based technology is a plus.

- **Level 3:** 8 or more years of experience designing, developing and implementing training curricula. Develop training programs, including web-based and instructor led courses, job-aids, videos, etc. Minimum 5 years of experience conducting classes regarding standard operating procedures of various software solutions, IT security, IT system installation, software programming, system maintenance, and repair of software, operational support best practices, and equipment. Experience with web-based learning management systems and e-Learning authoring tools. Expert knowledge of MS Office Suite 2010 (Word, Excel, PowerPoint, Outlook). A high degree of aptitude and flexibility to deliver training on a myriad of software products. Experience in delivering technical training in cloud-based technology is a plus.

### Undefined Title: Technical Services, Help Desk and Operations

Customer defined title, position, job description, and experience level. This Undefined Position does not have an associated Not to Exceed Rate. Customers must competitively solicit DIR ITSAC Vendors in accordance with threshold requirements and negotiate rates directly with Vendor.