



# A Brief Description of 50 Most Wanted IT Jobs

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Roles and responsibilities of 50 common IT positions listed by job titles in alphabetic order.

**Application Development Manager**

Plan, coordinate, and supervise all activities related to the design, development, and implementation of organizational information systems and software applications.

**Application Integration Specialist**

Plan, coordinate, and supervise all activities related to the integration of software programs and applications into organizational information systems.

**Application Support Analyst**

Deliver support to end users in the organization about how to use various types of software programs efficiently and effectively in fulfilling business objectives.

**Applications Manager**

Supervise and maintain the organization's repository of software applications through best practices and the appropriate staffing and management of a technical team.

**AV Technician**

Support and maintain in-house audio-visual equipment and non-print media assets. This includes operating, maintaining, distributing, installing, configuring, repairing, and upgrading various electronic products while ensuring their optimal performance

**Business Process Analyst**

Devise and design business process requirements for all IT-related business, financial, and operations systems critical to core organizational functions.

**Business Requirements Analyst**

Elicit, analyze, specify, and validate the business needs of project stakeholders, be they customers or end-users.

**Business Systems Analyst**

Plan, design, develop, and launch efficient business, financial, and operations systems in support of core organizational functions and business processes.

**CAD Operator**

Prepare complex drawings, diagrams, and documents using computer-aided design (CAD) software within the organization.

**Chief Information Officer (CIO)**

Provide vision and leadership for developing and implementing information technology initiatives.

**Chief Technology Officer (CTO)**

Align technology vision with business strategy by integrating company processes with the appropriate technologies.

**Corporate Compliance Officer**

Oversee and review all legal technology issues across the organization. This includes providing objective assessments of the company's compliance to legislation governing the organization's information technology systems and industry-specific regulations.

**Database Administrator (DBA)**

Design, install, monitor, maintain, and performance tune production databases while ensuring high levels of data availability.

**Database Analyst**

Direct, evaluate, review, and manage database resources and services across the organization while ensuring high levels of data quality.

**Database Developer**

Strategically design and implement databases across the organization, while ensuring high levels of data availability.

**Desktop Technician**

Provide a single point of contact for end-users to receive support and maintenance within the organization's desktop computing environment.

**Director of Information Technology**

Primary responsibility is to oversee the streamlined operation of the IT department and to ensure it aligns with the business objectives of the organization.

**Geographic Information Systems (GIS) Manager**

Coordinate, implement, and manage the organization's Internet-based strategies and initiatives for GIS software.

**Hardware Technician**

Support and maintain in-house technology equipment and IT assets. This includes installing, configuring, diagnosing, repairing, and upgrading all corporate hardware and equipment while ensuring its optimal performance.

**Help Desk Manager**

Oversee the entire Help Desk staff and ensure that end users are receiving the appropriate assistance. This includes the responsibility of managing all procedures related to the identification, prioritization, and resolution of end user help requests, including the monitoring, tracking, and coordination of Help Desk functions.

**Help Desk Technician**

Ensure proper computer operation so that end users can accomplish business tasks. This includes receiving, prioritizing, documenting, and actively resolving end user help requests.

**Infrastructure Manager**

Plan, organize, and manage staff and overall operations to ensure the stable operation of the organization's IT infrastructure.

**IT Architect**

Develop and maintain the high-level design plan for the overall logical and technical IT architecture. This individual will provide technical leadership and consulting across the organization, from strategic decision making down to the project planning level.

**IT Asset Manager**

Oversee the daily and long-term strategic management of software and technology-related hardware within the organization.

**IT Manager**

Ensure the streamlined operation of the IT Department in alignment with the business objectives of the organization.

**Network Administrator**

Ensure the stable operation of the in-house computer network. This includes planning, developing, installing, configuring, maintaining, supporting, and optimizing all network hardware, software, and communication links.

**Network Engineer**

Ensure the stability and integrity of in-house voice, data, video, and wireless network services. This is achieved by planning, designing, and developing local area networks (LANs) and wide area networks (WANs) across the organization.

**Network Manager**

Plan, direct, and coordinate the design, installation, and connectivity of computer and network systems to ensure the stable operation of the organization's IT assets. This includes developing, configuring, maintaining, supporting, and optimizing all new and existing network hardware, software, and communication links.

**Network Technician**

Support the stable operation of the in-house computer network. This includes planning, designing, installing, configuring, maintaining, and optimizing all network hardware, software, and communication links while ensuring minimal network downtime.

**Operations Manager**

Supervise and ensure the efficient operation of the company's network, client servers, databases, and equipment. This includes managing the IT staff responsible for monitoring and diagnosing network and hardware problems.

**PACS Administrator**

Perform all related activities for supporting the hospital's Picture Archiving and Communications System (PACS). This includes preparing images for digital archiving and assuring the quality control of medical diagnostic images and files.

**PC Technician**

Support and maintain in-house computer systems, desktops, and peripherals. This includes installing, diagnosing, repairing, maintaining, and upgrading all hardware and equipment while ensuring optimal workstation performance.

**Programmer Analyst**

Define, develop, test, analyze, and maintain new software applications in support of the achievement of business requirements.

**Programmer**

Write, code, test, and analyze software programs and applications. This includes researching, designing, documenting, and modifying software specifications throughout the production life cycle.

**Project Manager**

Plan, execute, and finalize projects according to strict deadlines and within budget. This includes acquiring resources and coordinating the efforts of team members and third-party contractors or consultants in order to deliver projects according to plan.

**Purchasing/Procurement Manager**

Plan, execute, and finalize purchasing and procurement strategies for technology spend across the organization. This includes acquiring resources within budget and facilitating communication between the enterprise and its providers in order to deliver products and services according to plan.

**Quality Assurance Analyst**

Develop and establish quality assurance standards and measures for the information technology services within the organization.

**Quality Assurance Manager**

Develop, establish, and enforce quality assurance standards and measures for the information technology services within the organization.

**Security Administrator**

Ensure the secure operation of the in-house computer systems, servers, and network connections.

**Server Administrator**

Design, install, administer, and optimize company servers and related components to achieve high performance of the various business applications supported by tuning the servers as necessary.

**Software Engineer**

Design, execute, assess, and troubleshoot software programs and applications. This includes configuring, coding, developing, and documenting software specifications throughout the project life cycle.

**Systems/Software Application Tester**

Plan, design, architect, and deploy effective test suites and regimes for in-house product development, software application development, information system launches, and operations systems enhancements.

**Systems Analyst**

Plan, design, develop, and launch efficient information systems and operations systems in support of core organizational functions.

**Systems Architect**

Strategically design and implement in-house information systems and networked software architectures that support core organizational functions, and assure their high availability.

**Systems Engineer**

Ensure the stability, integrity, and efficient operation of the in-house information systems that support core organizational functions.

**Technical Writer**

Develop written information about the organization's computing systems that aid in their development, use, and support.

**User Interface Analyst**

Prototype, design, and build graphic user interfaces (GUIs) for software development, Web forms, and other applications.

**VP of IT**

Reporting directly to the CEO/President, the VP of IT's role is to plan, coordinate, direct, and design all operational activities of the IT department, as well as provide direction and support for IT solutions that enhance mission-critical business operations.

**Web Developer**

Build the operations end of the organization's Web sites and keep them running smoothly.

**Webmaster**

Coordinate the planning, maintenance, and accessibility of Web site content in a way that ensures the consistency of the Web site's look and feel.