OPM
TECH TALENT PROJECT

Tech to Gov Cheat Sheet
Translating Government Titles and Tech Roles

Navigating the tech sector roles and learning how those roles and skills translate to government job types and titles can be overwhelming. Most government roles abide by established civil service rules in order to protect the integrity and fairness of the civil service, which often makes it hard to translate to the fast-evolving tech roles and disciplines in the private sector. The list below is not inclusive and may not be equally applied across all federal jobs and agencies, but hopefully it gives tech candidates exploring government positions a place to start. Candidates should still look at each job posting to determine if the description meets their experience.

Discipline	Private sector roles	Gov Classification/Job types
Data Analytics	Data Scientist, Data analyst	Data Scientist, 1560, Computer Scientist, 1550, IT Specialist (Data Management), 2210, Operations Research Analyst, 1515
Engineering	Data Engineer, Software Engineer, Cloud Engineer, Front End, Back End, Full Stack, Software Developer, Cyber Liability Engineer, Software Architect, Tech Lead, Principle Engineer, Network Engineer	IT Specialist, 2210, IT Specialist (Applications Software), IT Cybersecurity Specialist, IT Specialist (Network Services), 2210, other IT speciality areas within 2200 including combinations of specialty areas. Computer Engineering, 854
Product Management	Product Owner	IT Project Manager, 2210, Project Management, 340, 1100 Business and Industry Family, Product Development Specialist, Management and Program Analysis Miscellaneous Administration and Program Program Management
Customer Experience (UX) Research	Designer, User Researcher, Service Designer, UX Designer, Visual Designer, Web Designer	IT Specialist, (Customer Support) 2210, IT Specialist (Internet), other speciality areas within IT, Visual Information Specialist 1084, Computer Engineering
Business Intelligence	Data Scientist, Data Analyst, Business Analyst, Project Managers	Project Management, 340, IT Product Manager, 1100 Business and Industry Family,
Content Design	Content Strategist, Technical Writer	Technical Writer, 1083, and UX Designer, IT Specialist (Internet) , 2210
Recruiting and Talent	People Operations, Talent, Talent Operations, Human Resources Information Systems, Technical Recruiter, HR Business Partner, Benefits Manager	Human Resources Specialist, 201, Human Resources Officer, 201 may include parentheticals: Information Systems, Recruitment and Placement, Employee Benefits,
Marketing	Sales Representative, Public Affairs, Communications, Public Relations, Business Development	Public Affairs Specialist, 1035
Information Technology	IT Manager, NOC Manager, Quality Assurance Engineer, Tester, Network Engineer	IT Program Manager, IT Project Manager, IT Specialist (Network), 2210 including varying IT speciality areas within 2200

2210 - Information Technology Management

This series covers positions that manage, supervise, lead, administer, develop, deliver, and support information technology (IT) systems and services. This series covers only those positions for which the paramount requirement is knowledge of IT principles, concepts, and methods; e.g., data storage, software applications, networking.

Series has 4 basic titles and 11 parenthetical titles. Positions may have any combination of titling.

Basic Title	Description
IT Cybersecurity Specialist	Cybersecurity work involves the security of and operations in cyberspace and encompasses the full range of threat reduction, vulnerability reduction, deterrence, international engagement, incident response, resiliency, and recovery activities, including computer network operations, information assurance, diplomacy, military, and intelligence missions as they relate to securing the global information and communication infrastructure.
IT Program Manager	Work that involves managing one or more major multi-year IT initiatives of such magnitude they must be carried out through multiple related IT projects. The IT Program Manager leads, coordinates, communicates, integrates and is accountable for the overall success of the program, ensuring alignment with critical agency priorities. They are responsible for ensuring the work efforts achieve the outcome specified within the agency's business strategy, including appropriate strategic, life cycle management and capital IT investment plans. Work includes project selection, prioritization, evaluation and monitoring, cost schedule management, risk management, quality management and resource allocations.
IT Project Manager	Work that involves directly managing information technology projects to provide a unique service or product.
Information Technology Specialist or IT Specialist	Work that involves developing, delivering, and supporting IT systems and services.

Use the parenthetical specialty titles defined below with the basic title to further identify the duties and responsibilities performed and the special knowledge and skills needed.

Basic Title	Description	
Policy and Planning	Work that involves a wide range of IT management activities that typically extend and apply to an entire organization or major components of an organization. This includes strategic planning, capital planning and investment control, workforce planning, policy and standards development, resource management, knowledge management, auditing, and information security management.	• enterprise resource planner • IT policy and planning analyst • IT program management specialist • IT auditor
Enterprise Architecture	Work that involves the analysis, planning, design, implementation, documentation, assessment, and management of the enterprise structural framework to align IT strategy, plans, and systems with the mission, goals, structure, and processes of the organization.	• chief or senior enterprise architect • enterprise architect • information technology architect
Security (Infosec)	Work that involves ensuring the confidentiality, integrity, and availability of systems, networks, and data through the planning, analysis, development, implementation, maintenance, and enhancement of information systems security programs, policies, procedures, and tools.	• information systems security analyst/specialist • information systems security officer • network security officer • information assurance analyst/specialist

Basic Title	Description	
Systems Analysis	Work that involves applying analytical processes to the planning, design, and implementation of new and improved information systems to meet the business requirements of customer organizations.	• systems analyst • business analyst • solutions architect
Applications Software	Work that involves the design, documentation, development, modification, testing, installation, implementation, and support of new or existing applications software.	• programmer • programmer analyst • applications developer • software engineer • software developer • software quality assurance specialist
Operating Systems	Work that involves the planning, installation, configuration, testing, implementation, and management of the systems environment in support of the organization's IT architecture and business needs.	• systems programmer • systems software programmer • systems engineer • systems software engineer
Network Services	Work that involves the planning, analysis, design, development, testing, quality assurance, configuration, installation, implementation, integration, maintenance, and/or management of networked systems used for the transmission of information in voice, data, and/or video formats.	• network administrator • LAN/WAN administrator • network analyst • network designer • network engineer
Data Management	Work that involves the planning, development, implementation, and administration of systems for the acquisition, storage, and retrieval of data.	• database developer • database administrator • data analyst • data administrator • data architect • data storage specialist • data warehouse specialist
Internet	Work that involves the technical planning, design, development, testing, implementation, and management of Internet, intranet, and extranet activities, including systems/applications development and technical management of Websites. This specialty only includes positions that require the application of technical knowledge of Internet systems, services, and technologies.	• Web developer • Webmaster* • Web manager • Website administrator • Web operations specialist • Internet specialist • Internet developer • Internet architect
Systems Administration	Work that involves planning and coordinating the installation, testing, operation, troubleshooting, and maintenance of hardware and software systems.	• systems administrator • site administrator • UNIX/Windows systems administrator
Customer Support	Work that involves the planning and delivery of customer support services, including installation, configuration, troubleshooting, customer assistance, and/or training, in response to customer requirements.	• technical support specialist • customer support specialist • help desk representative** • maintenance specialist

* NOTE: This specialty does not include positions referred to as Webmaster, Web manager, and Web page manager that do not require a paramount knowledge of IT principles, concepts, and methods. Classify such positions in other occupational series requiring paramount knowledge of the subject matter involved.

** NOTE: Positions responsible for assisting customers in installing and configuring desktop systems and commercial off-the-shelf software and resolving problems in accordance with established procedures, that do not meet the criteria for coverage in the 2210 series, may be found in the Computer Clerk and Assistant Series, 0335 or other related one-grade interval series.