

Position Title	Reference	Posted	Location	Clearance Requirement	Requested Degree/Major(s)	Years in Field with / without Degree	Formal Position Responsibilities (Scoped to Title & Skill Level)	Opening-Specific Experience/Qualifications	Opening-Specific Skills
Network Engineer	PFNE1-000-101	2025-08-14	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering, Computer Science, Information Systems, Engineering Science, Engineering Management, or related discipline	5 / 10	<p>Certification: Information Assurance Technical (IAT) level I as defined by DoD 8570.01-M is required.</p> <p>Develop, operate, and manage networks required to operate in secure environments. Perform network services from network design through implementation, maintenance, and upgrading of existing networks. Analyze design, specifications, and related documents. Perform general LAN administration.</p> <p>1.01 - Optimize end-to-end system performance and dataflow management.</p> <p>1.02 - Conduct data captures to obtain network performance information.</p> <p>1.03 - Minimize network latency and maximize data throughput through design analysis and network performance monitoring tools.</p> <p>1.04 - Provide input to the design of the organization's network and mission architecture.</p> <p>1.05 - Design solutions, integrate, configure, deploy, test and provide ongoing maintenance for numerous types of network devices, interfaces and methodologies.</p> <p>1.06 - Configure and optimize the network to connect various front-end and back-end components.</p> <p>1.07 - Gather needed data to specify system/component performance and interface requirements</p>	<p>Experience:</p> <ul style="list-style-type: none"> Architecting and deploying secure, high-performance network solutions Monitoring and optimizing dataflows to reduce latency and boost throughput Translating performance metrics into actionable system requirements <p>Responsibilities:</p> <ul style="list-style-type: none"> Keep LANs running smoothly with hands-on administration and troubleshooting Optimize complex systems for speed and reliability Capture and analyze network performance data to drive improvements Configure and integrate front-end and back-end systems for seamless communication Collaborate on mission-driven network designs and architecture 	<p>Required Skills:</p> <ul style="list-style-type: none"> Performance monitoring tools and data analysis Secure network design, configuration, and maintenance <p>Required Certifications:</p> <ul style="list-style-type: none"> IAT Level I (defined by DoD 8570.01-M)
Software Engineer	SZSWE2-000-050	2025-07-24	Georgia	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	14 / 18	<p>2.01 - Design or implement complex algorithms requiring adherence to strict timing, system resource, or interface constraints</p> <p>2.02 - Perform quality control on team products Implement recommendations for improving documentation and software development process standards</p> <p>2.03 - Oversee one or more software development teams and ensure the work is completed in accordance with the constraints of the software development process being used on any particular project</p> <p>2.04 - Confer with system engineers and hardware engineers to derive software requirements and to obtain information on project limitations and capabilities, performance requirements and interfaces</p> <p>2.05 - Coordinate software system installation and monitor equipment functioning to ensure operational specifications are met</p>	<p>Design and develop new solutions that will integrate with other products within the organization and across the agency baseline. Work within an existing CI/CD pipeline, performing back-end, UI, and/or full-stack development to create capabilities that perform data processing at scale. Analyze capabilities of existing products to develop enhancements primarily using Python. Perform development and integration of multiple user interfaces and/or numerous services for software that performs data processing at scale.</p> <p>Desired</p> <ul style="list-style-type: none"> Experience working with dynamic and/or interactive map software <p>Required:</p> <ul style="list-style-type: none"> Experience developing back-end services in Python Experience writing web user interfaces using modern Java, Javascript, and/or HTML Experience with Active MQ, Rest, NoSQL and/or elastic databases Experience validating capabilities against requirements, writing and executing test cases, and capturing test results Experience test and debugging software code for network connected systems/databases, and performing integration and testing as needed Experience providing Tier III Support for deployed capabilities and address bug fixes Experience with Jira ticketing system for software development status/tasking 	<ul style="list-style-type: none"> Linux / Unix command-line Agile developer, CI/CD DevOps environment Python, Java JMS, Active MQ, or similar ReST NoSQL or similar Jira Confluence, SharePoint, or similar

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Software Engineer	SZSWE0-001-119	2025-05-16	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	0 / 4	0.01 - Analyze user requirements to derive software design and performance requirements 0.02 - Debug existing software and correct defects 0.03 - Provide recommendations for improving documentation and software development process standards 0.04 - Design and code new software or modify existing software to add new features 0.05 - Integrate existing software into new or modified systems or operating environments 0.06 - Develop simple data queries for existing or proposed databases or data repositories	<ul style="list-style-type: none"> • Experience collaborating with a team of Software and Systems engineers in an Agile environment to analyze requirements, derive user stories, track issues, and create user documentation • Experience developing Java applications for network connected databases • Experience test and debugging software code for network connected databases • Experience with Jira ticketing system for software development status/tasking Desired: <ul style="list-style-type: none"> • Experience with containers (i.e., Docker and/or Kubernetes) • Experience with Java development IDEs (e.g. IntelliJ, Eclipse) • Experience with Git and/or Gitlab, and Gitlab CI/CD • Experience with Gradle • Knowledge of ActiveMQ 	<ul style="list-style-type: none"> • Linux / Unix command-line • Agile developer • Java • JMS • Mongo, MySQL, or similar • Jira • Confluence, SharePoint, or similar
Software Engineer	SZSWE1-000-007	2025-04-30	Georgia	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	7 / 11	1.01 - Write or review software and system documentation 1.02 - Serve as team lead at the level appropriate to the software development process being used on any particular project 1.03 - Design or implement complex database or data repository interfaces/queries 1.04 - Develop or implement algorithms to meet or exceed system performance and functional standards 1.05 - Assist with developing and executing test procedures for software components 1.06 - Develop software solutions by analyzing system performance standards, confer with users or system engineers; analyze systems flow, data usage and work processes; and investigate problem areas 1.07 - Modify existing software to correct errors, to adapt to new hardware, or to improve its performance 1.08 - Design, develop and modify software systems, using scientific analysis and mathematical models to predict and measure outcome and consequences of design	Position Summary: develop and integrate multiple user interfaces and/or numerous services for software that performs data processing at scale; design and implement software solutions that integrate with core services across new baselines Required Qualifications: <ul style="list-style-type: none"> • Ability to work collaboratively in a high-performing, fast-paced, CI/CD environment • Experience developing back-end services in Python • Experience writing web user interfaces • Experience with web service API development (e.g. ReST) • Experience developing applications for network connected databases (e.g. elastic) • Experience validating capabilities against requirements, writing and executing test cases, and capturing test results Desired Qualifications: <ul style="list-style-type: none"> • Experience working with dynamic and/or interactive map software 	<ul style="list-style-type: none"> • Linux / Unix command-line • Agile developer • Python • Java, Javascript, and/or HTML • Active MQ • NoSQL, elastic databases, or similar • Jira • Confluence, SharePoint, or similar
Software Engineer	TBSWE2-000-162	2025-08-20	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	12 / 16	2.01 - Design or implement complex algorithms requiring adherence to strict timing, system resource, or interface constraints 2.02 - Perform quality control on team products Implement recommendations for improving documentation and software development process standards 2.03 - Oversee one or more software development teams and ensure the work is completed in accordance with the constraints of the software development process being used on any particular project 2.04 - Confer with system engineers and hardware engineers to derive software requirements and to obtain information on project limitations and capabilities, performance requirements and interfaces 2.05 - Coordinate software system installation and monitor equipment functioning to ensure operational specifications are met	<ul style="list-style-type: none"> • Experience in container-based microservices design (preferred experience within cloud suites, e.g. AWS/ECR) • Experience developing, maintaining, and enhancing complex and diverse software systems (e.g., processing-intensive analytics, novel algorithm development, manipulation of extremely large data sets, real-time systems, and business management information systems) based upon documented requirements • Experience working individually and as part of a team • Experience reviewing and testing software components for adherence to the design requirements and documents test results • Experience resolving software problem reports • Experience utilizing software development and software design methodologies appropriate to the development environment. • Experience providing specific input to the software components of system design to include hardware/software trade-offs, software reuse, use of Commercial Off-the-shelf (COTS)/Government Off-the-shelf (GOTS) in place of new development • Experience performing requirements analysis and synthesis from system level to individual software components 	Skills: <ul style="list-style-type: none"> • Linux / Unix command-line • Agile developer • Java • Springboot • Mongo • Kafka • AWS/ECR Suite familiarity • RKE

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Systems Engineer	PFSE1-000-099	2025-07-29	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	7 / 12	1.01 - Participate in an Integrated Product Team to design new capabilities based upon evaluation of all necessary development and operational considerations 1.02 - Allocate real-time process budgets and error budgets to systems and subsystem components 1.03 - Generate alternative system concepts, physical architectures, and design solutions 1.04 - Define the methods, processes, and evaluation criteria by which the systems, subsystems and work products are verified against their requirements in a written plan 1.05 - Develop system design solution that satisfies the system requirements and fulfills the functional analysis 1.06 - Review and provide input to program and contract work breakdown structure (WBS), work packages and the integrated master plan (IMP) 1.07 - Participate in interface definition, design, and changes to the configuration between affected groups and individuals throughout the life cycle 1.08 - Derive from the system requirements an understanding of stakeholder needs, functions that may be logically inferred and implied as essential to system effectiveness 1.09 - Derive lower-level requirements from higher-level allocated requirements that describe in detail the functions that a system component must fulfill, and ensure these requirements are complete, correct, unique, unambiguous, realizable, and verifiable 1.10 - Participate in establishing and gaining approval of the definition of a system or component under development (requirements, designs, interfaces, test procedures, etc.) that provides a common reference point for hardware and software developers	Design, test, and optimize RF systems, antennas, and signal paths. Provide end-to-end systems engineering support across the project lifecycle—from concept to deployment—with a focus on secure, resilient, and mission-ready solutions. Collaborate with multi-disciplinary teams including software developers, analysts, and field engineers. Develop and maintain system documentation, diagrams, and configuration management artifacts, while supporting mission operations and resolve technical issues in real time. Apply SATCOM and RF processing knowledge to support Antenna Management, Survey, Collection Management, Resource Management, Follow-on Processing and signal analysis initiatives. Note: The position will move to OPS later this year. Required: • Experience across both Linux and Windows platforms, ensuring compatibility and security • Working knowledge of commercial satellite-based communication (SATCOM) technologies • Working knowledge of Radio Frequency (RF) processing, both software and hardware based systems • Working knowledge of RF processing flows from antenna to signals analyst	<ul style="list-style-type: none"> • Linux / Unix command-line • Windows • Jira • Confluence, SharePoint, or similar