

Position Title	Reference	Posted	Location	Clearance Requirement	Requested Degree/Major(s)	Years in Field with / without Degree	Opening-Specific Experience/Qualifications	Opening-Specific Skills
Cloud Software Engineer	TBCSW2-000-655	2026-04-17	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	8 / 12	Required cloud technologies and/or Distributed Computing experience: <ul style="list-style-type: none"> • Working knowledge of Micro-Services deployment patterns • Experience performing Cloud Migration of software applications • Experience utilizing software development and software design methodologies appropriate to Multi-Site application environment and Load Balancing topologies • Experience utilizing testing frameworks, reviewing and testing software components for adherence to the design requirements • Implementing code that interacts with Cloud Distributed Coordination Frameworks. • Architecting Cloud Computing solutions and managing multi-node Cloud based installations • Troubleshooting Cloud based Distributed Computing Frameworks • Securing Cloud Based and Distributed applications through industry standard techniques such as Firewalls, PKI Certificate and Server Authentication with experience in Corporate authentication service(s) • Utility Computing, Network Management, Virtualization, Cloud Computing 	<ul style="list-style-type: none"> • Linux / Unix command-line, shell script • Agile developer, Jira • Elastic Search • Apache NiFi • Python • Java/Spring Boot • Angular
Cloud Software Engineer	TBCSW2-000-656	2026-04-17	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	8 / 12	Required cloud technologies and/or Distributed Computing experience: <ul style="list-style-type: none"> • Working knowledge of Micro-Services deployment patterns • Experience performing Cloud Migration of software applications • Experience utilizing software development and software design methodologies appropriate to Multi-Site application environment and Load Balancing topologies • Experience utilizing testing frameworks, reviewing and testing software components for adherence to the design requirements • Implementing code that interacts with Cloud Distributed Coordination Frameworks. • Architecting Cloud Computing solutions and managing multi-node Cloud based installations • Troubleshooting Cloud based Distributed Computing Frameworks • Securing Cloud Based and Distributed applications through industry standard techniques such as Firewalls, PKI Certificate and Server Authentication with experience in Corporate authentication service(s) • Utility Computing, Network Management, Virtualization, Cloud Computing 	<ul style="list-style-type: none"> • Linux / Unix command-line, shell script • Agile developer, Jira • Elastic Search • Apache NiFi • Python • Java/Spring Boot • Angular
Cloud Software Engineer	TBCSW3-000-645	2026-04-17	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	12 / 16	Required cloud technologies and/or Distributed Computing experience: <ul style="list-style-type: none"> • Working knowledge of Micro-Services deployment patterns • Experience performing Cloud Migration of software applications • Experience utilizing software development and software design methodologies appropriate to Multi-Site application environment and Load Balancing topologies • Experience utilizing testing frameworks, reviewing and testing software components for adherence to the design requirements • Implementing code that interacts with Cloud Distributed Coordination Frameworks. • Architecting Cloud Computing solutions and managing multi-node Cloud based installations • Troubleshooting Cloud based Distributed Computing Frameworks • Securing Cloud Based and Distributed applications through industry standard techniques such as Firewalls, PKI Certificate and Server Authentication with experience in Corporate authentication service(s) • Utility Computing, Network Management, Virtualization, Cloud Computing 	<ul style="list-style-type: none"> • Linux / Unix command-line, shell script • Agile developer, Jira • node.js/Javascript, Typescript • React/JSX • Rust • Python • JEST • Kubernetes, Helm Charts, Service-mesh • Ansible/Salt • Terraform • Grafana, InfluxDb, Elasticsearch, Redis, mysql • Apache Superset • Apache Nifi • RabbitMQ/Kafka/Message Fabrics • Web-Sockets • JBLOCKS • Neo4j
Software Engineer	BYSWE0_1-L00-002	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	7 / 11	Must have Kubernetes experience <ul style="list-style-type: none"> • Working knowledge of Micro-Services deployment patterns • Working knowledge of data and voice communications technologies • Working knowledge of network protocols • Working knowledge of circuit and packet processing systems • Working knowledge of VoIP processing 	<ul style="list-style-type: none"> • Linux / Unix command-line • Shell/bash scripting • Java • Docker • Kubernetes, Helm Charts, Service-mesh • Ceph • Ansible/Salt, Puppet

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Software Engineer	TBSWE1-000-406	2026-04-17	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	7 / 11	<ul style="list-style-type: none"> • Experience developing Back-End applications • 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 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 	<ul style="list-style-type: none"> • Linux / Unix command-line, shell script • Agile developer, Jira • Java • Spring Framework [desired] • ReST [desired] • MongoDB [desired] • Angular [nice to have] • AWS [nice to have] • Rancher [nice to have] • Docker [nice to have] • Kubernetes [nice to have]
Software Engineer	TBSWE1-000-642	2026-04-17	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	7 / 11	<ul style="list-style-type: none"> • Experience developing Front-End Web applications • 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 • Working knowledge of Micro-Services deployment patterns • Experience utilizing testing frameworks, reviewing and testing software components for adherence to the design requirements • Experience performing Cloud Migration of software applications • Experience utilizing software development and software design methodologies appropriate to Multi-Site application environment and Load Balancing topologies • 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 	<ul style="list-style-type: none"> • Linux / Unix command-line, shell script • Agile developer, Jira • node.js/JavaScript, Typescript • React/JSX • Rust • Python • JEST • Kubernetes, Helm Charts, Service-mesh • Ansible/Salt • Terraform • Grafana, InfluxDb, Elasticsearch, Redis, mysql • Apache Superset • Apache Nifi • RabbitMQ/Kafka/Message Fabrics • Web-Sockets • JBLOCKS • Neo4j
Software Engineer	TBSWE2-000-662	2026-04-01	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	14 / 18	<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 	<ul style="list-style-type: none"> • Linux / Unix command-line • Agile developer, Jira • Java • Springboot • Mongo • Kafka • AWS/ECR Suite familiarity • RKE
Software Engineer	BYSWE2-R00-007	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	14 / 18	<ul style="list-style-type: none"> • Experience writing scripts and code to transform, format and re-route packet/streaming data based on input configurations, filters and selection parameters. • Experience writing C-based micro plugins. • Experience tasking and maintaining operation of circuit and packet processing systems. • Experience writing specialized fingerprints in support of mission and data processing functionality. • Experience monitoring processing applications and troubleshooting improperly processed session data, data formatting issues, and missing data. • Experience modifying processing system parameters and updating system configurations to resolve problems. • Experience monitoring and troubleshooting network issues to ensure data is properly formatted, transited to and processed at the backend. 	<ul style="list-style-type: none"> • Linux / Unix command-line • Shell/bash scripting • Python • C/C++ • Working knowledge of data and voice communications technologies • Working knowledge of network protocols • Working knowledge of circuit and packet processing systems • Working knowledge of VoIP processing

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Software Engineer	BYSWE2-T00-005	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	14 / 18	<ul style="list-style-type: none"> • Experience with Enterprise Java development • Experience developing service-oriented architectures • Experience developing micro service solutions 	<ul style="list-style-type: none"> • Linux / Unix command-line • Agile developer • Java • Kubernetes, Docker or similar • Mongo, MySQL, or similar • Jira • Confluence, SharePoint, or similar
Software Engineer	TBSWE2-000-647	2026-04-17	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	14 / 18	<ul style="list-style-type: none"> • Experience developing Front-End Web applications • 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 • Working knowledge of Micro-Services deployment patterns • Experience utilizing testing frameworks, reviewing and testing software components for adherence to the design requirements • Experience performing Cloud Migration of software applications • Experience utilizing software development and software design methodologies appropriate to Multi-Site application environment and Load Balancing topologies • 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 	<ul style="list-style-type: none"> • Linux / Unix command-line, shell script • Agile developer, Jira • node.js/Javascript, Typescript • React/JSX • Rust • Python • JEST • Kubernetes, Helm Charts, Service-mesh • Ansible/Salt • Terraform • Grafana, InfluxDb, Elasticsearch, Redis, mysql • Apache Superset • Apache Nifi • RabbitMQ/Kafka/Message Fabrics • Web-Sockets • JBLOCKS • Neo4j
Software Engineer	BYSWE2_3-T00-001	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	20 / 24	<ul style="list-style-type: none"> • Experience in UX/UI design (see preferred skills for Telerik, Kendo UI, KendoReact) • Experience with data flows and diagraming workflows that focus on automation, collection, and correlation analytics of customer tools 	<ul style="list-style-type: none"> • Linux / Unix command-line • Shell/bash scripting • Java • node.js/Javascript, Typescript • React/JSX • Telerik, Kendo UI, KendoReact [preferred] • JSON, XML, etc. • Jira • Confluence
Software Engineer	BYSWE3-T00-003	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Computer Engineering or Computer Science	20 / 24	<ul style="list-style-type: none"> • Must have familiarity with working with build environment. Must have experience with Kubernetes • Working knowledge of Micro-Services deployment patterns • Experience developing Front-End Web applications; experience developing Back-End applications 	<ul style="list-style-type: none"> • Linux / Unix command-line • Docker • Kubernetes, K9 [preferred] • Helm Charts, Service-mesh • Terraform • Ceph • Ansible/Salt, Puppet
System Administrator	ESSA2-400-001	2026-03-30	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / Communication Engineering or Computer Engineering or Computer Science or Electrical Engineering or Information Systems	10 / 15	<p>Required:</p> <ul style="list-style-type: none"> • DoD 8570 compliance with Information Assurance Management (IAM) Level I or higher • Must have at least two (2) years of demonstrated experience in network architectures. • Must have at least two (2) years of demonstrated experience in certification and accreditation <p>Job Description:</p> <ul style="list-style-type: none"> • Provide system administration solutions to meet required capabilities for cloud, Virtual Desktop (VDI), and other current and future Computer Infrastructure • Create bills of materials, network designs and diagrams, rack elevations, cable run lists, build books, and other documentation for new and updated installations • Work with network, storage, and server personnel to define new or modified solutions to complex problems • Respond to requests for new MUC and VDI systems • Design systems to meet capacity and user requirements; determine required power, space, cooling, and funding to meet these goals 	<ul style="list-style-type: none"> • Linux / Unix command-line • Familiarity with C and C+ • VMWare • AWS

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Systems Engineer	PFSE1-001-116	2026-03-11	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	<p>Required:</p> <ul style="list-style-type: none"> • 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/data flows from antenna to signals analyst <p>Responsibilities:</p> <ul style="list-style-type: none"> • Administer and troubleshoot Linux and Windows systems, including software installation/configuration and SATCOM RF system network configuration • Support, maintain, and monitor SATCOM RF processing systems to ensure reliable and accurate data flow • Evaluate user needs and system architectures to define, develop, and manage system requirements • Produce technical documentation, engineering plans, and related system artifacts • Participate in design reviews, program reviews, and integrated product team activities • Support design, integration, documentation, and stakeholder coordination to deliver technically sound, mission aligned solutions • Develop, refine, and allocate system requirements, including those related to information assurance and security 	<ul style="list-style-type: none"> • SATCOM RF-based processing • Linux / Unix command-line • Windows • Jira • Confluence, SharePoint, or similar
Systems Engineer	BYSE1-A00-001	2026-04-03	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	<ul style="list-style-type: none"> • Experience working collaboratively with backend SIGINT systems teams • Experience integrating SIGINT systems interfaces • Experience troubleshooting and validating SIGINT systems and dataflows • Working knowledge of data and voice communications technologies • Working knowledge of network protocols • Working knowledge of circuit and packet processing systems • Working knowledge of VoIP processing 	<ul style="list-style-type: none"> • Linux / Unix command-line • Shell/bash scripting • Testing frameworks (JEST) • Apache NiFi [preferred]
Systems Engineer	BYSE1-A00-002	2026-04-03	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	<ul style="list-style-type: none"> • Support a broad range of systems integration and design tasks • Work collaboratively with counterpart personnel on backend processing system team and on partner teams • Experience integrating SIGINT systems interfaces • Experience troubleshooting and validating SIGINT systems and dataflows • Working knowledge of data and voice communications technologies • Working knowledge of network protocols • Working knowledge of circuit and packet processing systems • Working knowledge of VoIP processing 	<ul style="list-style-type: none"> • Linux / Unix command-line • Shell/bash scripting • Apache NiFi [preferred]
Systems Engineer	PFSE1-000-129	2026-04-14	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	<ul style="list-style-type: none"> • Provide technical direction and hands-on expertise for the development, engineering, integration, and testing of hardware/software RF and SATCOM systems. • Architect, configure, and maintain systems utilizing GOTS products. • Provide virtualization support, including cloud-based and on-premises solutions. • Administer and troubleshoot Linux-based environments, ensuring high availability and security compliance. • Manage, maintain, and deploy GOTS (Government Off-The-Shelf) products, integrating them within complex system architectures. • Oversee Windows Server administration, including performance tuning, security enhancements, and automation. • Collaborate with cross-functional teams to ensure robust system design and operational efficiency. • Develop and implement best practices for system security, monitoring, and documentation. 	<ul style="list-style-type: none"> • Linux / Unix command-line • Windows command-line • Scripting (Bash, Shell and/or Python) • GOTS RF and SATCOM products • Follow-on Processor architectures
Systems Engineer	ESSE4-070-001	2026-03-30	Fort Meade, MD	Active TS/SCI FSP / CCA Accepted	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	10 / 15	<p>Job Description:</p> <ul style="list-style-type: none"> • Support activities that optimize the customer's data availability and utilization to drive mission success • Promote cross-program coordination and technical collaboration to reduce integration risk • Produce system engineering and technical documentation, develop schedules, and support validation and verification activities • Generate reports that summarize analysis of data representations and data to provide data-driven insights to customers <p>SIGINT experience:</p> <ul style="list-style-type: none"> • Technical understanding of design, architecture principles and techniques, data formats and data flow management to take business requirements from concept to implementation. • Ability to model complex mission workflows for the purpose of identifying core systems and data that are commonly used across many mission workflows. 	<ul style="list-style-type: none"> • Microsoft Office suite • Linux / Unix command-line • Exposure to, and understanding of, cloud technologies

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Systems Engineer	BYSE1_2-L00-003	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	14 / 19	<ul style="list-style-type: none"> • Experience analyzing user's requirements, concept of operations, and high level system architecture to develop system requirements specifications • Experience guiding users in formulating requirements, advising alternative approaches and conducting feasibility studies • Experience guiding system development and implementation planning though assessment or preparation of system engineering management plans and system integration and test plans • Experience providing technical leadership for the integration of requirements, design, and technology • Experience incorporating new plans, designs, and systems into ongoing operations • Experience developing technical documentation, system Architecture and system design documentation 	<ul style="list-style-type: none"> • Working knowledge of data and voice communications technologies • Working knowledge of network protocols • Familiarity with commercial SATCOM technologies
Systems Engineer	PFSE2-000-126	2026-04-14	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	14 / 19	<ul style="list-style-type: none"> • Must have Tactical SIGINT experience triaging and analyzing end-user requirements for mobile platforms • Experience refining technical capability requirements for tactical systems, evaluating commercial material solution alternatives, conducting feasibility analysis, presenting procurement and/or project execution courses of action, and contributing to tactical sensor capability systems architectures. <p>Responsibilities:</p> <ul style="list-style-type: none"> • Review tactical sensor technical documentation, KPPs, White Papers, and other key systems engineering artifacts such as HW and SW test plans, Factory Acceptance Tests, and Capstone Event criteria • Assist stakeholders in leading tactical SIGINT sensor projects from Requirements to SOW/RFP, to Proposal reviews, Basis of Estimate/Rough Order of Magnitude analysis, Letter of Offer and Acceptance (LOA), and project execution from Kick-off to delivery and installation. • Triage and analyze user tactical SIGINT requirements, CONOPS, and data flow architectures to define and manage system requirements • Develop and evaluate system concepts, architectures, and design solutions, including performance, risk, and feasibility analysis. • Provide technical leadership, stakeholder communication, and oversight of system testing, implementation, documentation, operational integration, and installations 	<ul style="list-style-type: none"> • MS Office suite - Word, PowerPoint, including SharePoint • Windows command-line • Linux / Unix command-line • Jira (for requirements and tasking) • Confluence
Systems Engineer	PFSE2-000-127	2026-04-14	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	14 / 19	<ul style="list-style-type: none"> • Experience architecting, configuring, and maintaining systems - especially utilizing Apache NiFi to optimize workflow and data processing. • Experience testing, integrating, and maintaining GOTS Follow-on Processor architectures • Experience administering and troubleshooting Linux-based environments, ensuring high availability and security compliance. • Experience managing, maintaining and deploying GOTS products, integrating them within complex system architectures. • Experience collaborating with cross-functional teams to ensure robust system design and operational efficiency. • Experience developing and implementing best practices for system security, monitoring, and documentation. <p>Primary Responsibilities:</p> <ul style="list-style-type: none"> • Analyze CONOPS, system architecture, and user requirements to develop and manage system requirements and specifications • Administer, configure, and troubleshoot Linux and Windows systems supporting SIGINT platforms, including software installation and network configuration • Lead system design, integration, and development across hardware and software components in alignment with DoDAF and SOA frameworks • Develop and maintain systems engineering documentation (e.g., SEPs, ICDs, requirements specs) and ensure requirements traceability and compliance 	<ul style="list-style-type: none"> • Linux / Unix command-line • Windows command-line • Scripting (Bash, Shell and/or Python) • Apache NiFi • SATCOM RF-based survey and follow-on processor GOTS tools
Systems Engineer	ESSE5-505-001	2026-03-30	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	15 / 20	<p>Job Description:</p> <ul style="list-style-type: none"> • Support tracking, monitoring and facilitate planning for the deployment, upgrade, and replacement of ground-based communication SIGINT systems • Capture and document requirements for new/updated systems, as well as coordinate and track projects from requirements, analysis of alternatives, buildout, deployment, and installation, testing and transition to operations • Support re-engineering efforts that focus on automation, multi-access cross cueing, collaboration, and dynamic collection/processing orchestration • Produce system engineering and technical documentation, develop master schedules, and support validation and verification activities <p>SIGINT experience:</p> <ul style="list-style-type: none"> • Familiar with the end-to-end system tasking, collection management, collection operations, processing and dissemination components, processes and dataflows 	<ul style="list-style-type: none"> • Linux / Unix command-line • Scripting (Bash, Shell and/or Python) • Apache NiFi • Working knowledge of ground-based communication systems

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Systems Engineer	ESSE5-209-001	2026-04-10	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	15 / 20	<p>Job Description:</p> <ul style="list-style-type: none"> • Experience working on project development from requirements definition to deployment. • Support tracking, monitoring and facilitate planning for the deployment, upgrade, and replacement of SIGINT systems • Capture and document requirements for new/updated systems, as well as coordinate and track projects from requirements, analysis of alternatives, buildout, deployment, and installation, testing and transition to operations • Support re-engineering efforts that focus on AI/ML • Produce system engineering and technical documentation, develop master schedules, and support validation and verification activities <p>SIGINT experience:</p> <ul style="list-style-type: none"> • Familiar with the end-to-end system tasking, collection management, collection operations, processing and dissemination components, processes and dataflows 	<ul style="list-style-type: none"> • Microsoft Office suite • Linux / Unix command-line • Exposure to, and understanding of, Intelligence Community customers, their missions and infrastructures • Jira • Confluence
Systems Engineer	PFSE3-000-120	2026-03-11	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	20 / 25	<ul style="list-style-type: none"> • Lead the design, integration, testing, deployment, training, and maintenance of packet-based hardware and software systems leveraging COTS and GOTS products. • Direct end-to-end systems integration across hardware, software, and network components, ensuring interoperability, scalability, and performance optimization. • Develop and execute system integration plans, validation and verification procedures, and deployment strategies to ensure operational readiness and requirements compliance. • Develop, update, and maintain BASH and PERL scripts to automate initial system setup, configuration, and ongoing maintenance of core servers and clustered computing environments. • Implement automation and process improvements to enhance system reliability, efficiency, and maintainability. • Provide technical leadership, troubleshooting, and lifecycle sustainment support, including upgrades, patching, and performance tuning. • Deliver training and technical guidance to administrators, operators, and cross-functional engineering teams while ensuring adherence to security and configuration management standards. 	<ul style="list-style-type: none"> • Linux / Unix command-line • Windows command-line • Scripting (Bash, Shell and/or Python)
Systems Engineer	BYSE3-R00-003	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	20 / 25	<p>Systems Engineer must have Network Engineer skills, including hands-on experience with Arista switches</p> <ul style="list-style-type: none"> • Experience with network system design and implementation • Experience configuring and optimizing restricted networks; system monitoring • Experience managing, configuring, patching network devices (switches, firewalls, VTC, router) and infrastructure • Experience monitoring and troubleshooting network issues to ensure data is properly formatted, transited to and processed at the backend. • Working knowledge of data and voice communications technologies • Working knowledge of network protocols • Working knowledge of circuit and packet processing systems • Working knowledge of VoIP processing • Knowledge of field sites [preferred] 	<ul style="list-style-type: none"> • Linux / Unix command-line • Shell/bash scripting • Apache NiFi [preferred]
Systems Engineer	BYSE3-R00-004	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	20 / 25	<p>Systems Engineer must have Network Engineer skills, including hands-on experience with Arista switches</p> <ul style="list-style-type: none"> • Experience with network system design and implementation • Experience configuring and optimizing restricted networks; system monitoring • Experience managing, configuring, patching network devices (switches, firewalls, VTC, router) and infrastructure • Experience monitoring and troubleshooting network issues to ensure data is properly formatted, transited to and processed at the backend. • Knowledge of field sites [preferred] 	<ul style="list-style-type: none"> • Linux / Unix command-line • Shell/bash scripting • Working knowledge of data and voice communications technologies • Working knowledge of network protocols • Working knowledge of circuit and packet processing systems • Working knowledge of VoIP processing • Apache NiFi [preferred]
Systems Engineer	BYSE2_3-T00-002	2026-04-03	Fort Meade, MD	Active TS/SCI FSP	Bachelor's / System Engineering or Computer Science or Information Systems or Engineering Science or Engineering Management	20 / 25	<p>Must have experience with CI/CD (Continuous Integration/Continuous Deployment) configuration, installation, etc.</p> <ul style="list-style-type: none"> • Experience utilizing testing frameworks, reviewing and testing software components for adherence to the design requirements • Working knowledge of data and voice communications technologies • Working knowledge of network protocols • Working knowledge of circuit and packet processing systems • Working knowledge of VoIP processing 	<ul style="list-style-type: none"> • Linux / Unix command-line • Shell/bash scripting • Testing frameworks (JEST) • Jenkins, Nexus [preferred] • Apache NiFi [preferred]