



U.S. GOVERNMENT

<b>Job title:</b>	Software Engineer
<b>Department:</b>	Software Development
<b>Location:</b>	Frederick, MD – Hybrid/Remote Worker
<b>FLSA:</b>	Exempt
<b>Supervisor:</b>	Software Engineering Lead

## Job Description

### Company Description:

Network Innovation U.S. Government delivers leading-edge satellite, wireless & terrestrial telecommunications infrastructure, bandwidth, & turnkey network mobility solutions to the U.S. Department of Defense, Federal Agencies, Coalition Forces, Local & State Government Agencies, NGOs, Government Contractors, & commercial sector clients worldwide. We are a hardware agnostic solution integrator & has experience designing & implementing unique communication & networking solutions. Recently awarded several contracts, Network Innovation U.S. Government is positioned for rapid growth and advancement in Satellite Communication Enterprise Architectures within the DoD and with Commercial Network Providers.

This team primarily works remotely, but will meet periodically at our office in Frederick, MD.

### Job purpose:

Network Innovation U.S. Government is looking for a Software Engineer to help develop our Satellite Communications Network Management products and services participating as a team member using the Agile software development life cycle.

The engineer's responsibilities include designing and building software modules, participating in code reviews and demonstrations, and testing features before release. If you have a passion for "doing software right", we'd like to meet you.

### Duties and responsibilities:

- Actively participate in an Agile Scrum development process (Grooming, Planning, Scrums, Software Development, Testing, Demos/Retrospectives).
- Decompose user requirements into user stories technical details that can be estimated and planned into Agile sprints.
- Develop well designed, well documented, well tested efficient code.
- Effectively communicate progress on assignments and indication of any roadblocks, challenges, or need for help/clarification.
- Develop/Execute test cases to exercise code base.
- Review, test and troubleshoot code you author as well as other team members' code.
- Document software defects promptly and clearly and address open software defects when assigned.
- Execute demos for internal customers and potential clients.

- Document development phases

### Qualifications:

- Bachelor's Degree in Engineering or Computer Science (or equivalent)
- 5+ years (fulltime employment) work experience as a Software Engineer or similar role.
- 3+ years' experience Java-based microservice/cloud native frameworks or enterprise scale java web application development
- Experience and solid understanding of developing / supporting application in cloud infrastructure environment (docker containers or Kubernetes)
- Experience working in an Agile software development methodology.
- Experience designing, building, and testing largescale web applications.
- In-depth knowledge of popular web application and enterprise application frameworks.
- Ability to read data modeling diagrams and some database experience (SQL and NoSQL data stores)
- Experience with Git source code configuration management.
- Excellent time management skills.
- Excellent problem-solving abilities.
- Excellent written and verbal communications skills.
- Ability to work remotely effectively and must be able to work independently.

### Preferred Skill Set and Domain Knowledge (not required)

- Java-based micro service frameworks (SpringBoot).
- JSON/XML/POJO Mapping and conversion (Jackson).
- OpenSource Databases (Postgres, MySQL, ElasticSearch).
- REST Service development and utilization (Jersey/JAX-RS).
- Entity frameworks to persist data (Hibernate, JPA).
- Network Configuration and Communications protocols
  - Router, Switch, and modem configuration.
  - Serial/HTTP Protocols to configure devices.
- Managed Network Services domain knowledge is a plus!
- Satellite Communications domain knowledge is a plus!
- Experience with customers / stakeholders in the Armed Forces (DoD).

### Direct reports:

None

### Working conditions:

- This is primary a remote position.
- This position requires that the candidate, when working remotely, effectively uses communications devices to provide status and support to their team and organization.
- This position will require meetings (and general availability) during normal business hours for team collaboration, project status, and customer demonstrations and presentations.
- When working remotely, the incumbent must have a work environment free from distractions/interruptions and the ability to provide a private environment in which business sensitive information can be shared over voice and video collaboration.



## U.S. GOVERNMENT

- When working remotely, the incumbent must have access to high-speed internet connectivity for unincumbered video conferencing and screen share collaboration.
- The position is primarily remote, however, there may be occasions to be 'in the office' or travel to customer locations for group meetings and/or demonstrations.

### Clearance requirements:

- Must be a US Citizen and have at a minimum a Secret clearance or be willing and able to obtain a security clearance.

### Physical requirements:

Sitting and using a computer for extended periods of time.

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**Disclaimer Statement:** This job description lists the essential functions of the position and is not intended to include every job duty and responsibility specific to a position. An employee may be required to perform other related duties not listed above provided that such duties are characteristic of that classification.