

# Front Porch Job Posting

**Job Title:** Network Test Engineer  
**Department:** QA

## **SUMMARY**

The Network Test Engineer works with the Software Quality Assurance team and Development team supporting the product lifecycle through network appliance testing, design review, software analysis, test case design and authoring, defect identification, logging and tracking, and task tracking.

## **ESSENTIAL COMPETENCIES:**

Required: Windows Operating Systems maintenance and administration, basic networking skills, high attention to detail, strong documentation skills, effective oral and written communication skills and software defect detection skills.

## **QUALIFICATIONS**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following. Other duties may be assigned. These duties may be performed individually, as part of a team or in cooperation with customers.

- Design and implement L2/3/7 network protocol conformance tests.
- Author test cases, plans and test data.
- Identify risks in requirements and technical designs and provide feedback to developers and management.
- Train junior testing staff.
- Perform load, performance and stress tests on network appliances and provide regular benchmarking reports.
- Test network appliances and software programs to compare to specifications and documentation.
- Identify, analyze, and document defects, questionable functions, errors, and inconsistencies in software program functions, outputs, online screens and content.
- Execute automated test scripts using testing software programs.
- Install, maintain, and use testing software programs.
- Review computer logs and reports to identify program processing errors.
- Conduct compatibility tests with other software programs, hardware, multiple operating systems, and network environments.

## **EDUCATION and/or EXPERIENCE**

- Requires 3 or more years of software/network test experience.
- Requires Ethernet, IP, TCP headers and data structure including switching, routing and NAT experience.

- HTTP transaction experience required.
- Smart bits testing equipment experience desired.
- Network load testing methodology experience required.
- Protocol conformance testing methodology required.
- Ability to work in a fast-paced environment and handle multiple priorities.

**LANGUAGE SKILLS**

Must be able to communicate effectively using verbal or written means.

**REASONING ABILITY**

Must be able to demonstrate exceptional reasoning skills in day-to-day troubleshooting operations.

**CERTIFICATES, LICENSES, REGISTRATIONS**

Technical certifications are a plus.

**PHYSICAL DEMANDS**

The position may require the employee to spend extended periods of time in climate-controlled environments (data centers, server rooms, etc.).

Some lifting of 50 lbs.+ may be required in the mounting and dismounting of equipment. Cabling/wiring operations may create some physically challenging work operations.

The position will require the employee to spend extended periods of time entering and monitoring data on Personal Computers.