



# Pavel Patton

## Network Test Engineer

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### SUMMARY

Detail-oriented Network Test Engineer with over 4 years' experience in network protocols and a solid grasp of software testing methods. Successfully deployed and validated network systems, actively contributing to automation tool development using Python. Expertise in collaborating with cross-functional teams and presenting technical results effectively allows for clear communication across all levels. Maintained dedication to enhancing system integration processes while troubleshooting complex network issues to optimize performance effectively. Excited about the opportunity to bring my passion for networks and problem-solving skills to create impactful contributions.

### STRENGTHS

- Effective Communication**  
Consistently presents findings to diverse audiences, simplifying complex ideas.
- Problem-Solving Mindset**  
Quickly identifies root causes of failures and implements lasting solutions during tests.
- Automation Advocate**  
Passionately integrates automation tools to enrich testing effectiveness down the line.
- Technical Adaptability**  
Efficiently switches between technologies and methodologies based on project requirements.
- Team-Oriented Approach**  
Values each team member's input, showcasing the power of collaborative effort in projects.

### SKILLS

Network Protocols OpenStack

NFV Linux Python

System Integration Testing

Troubleshooting Automation

Presentation Skills

Firewall Management

Cloud Networking L2 Protocols

L3 Protocols Security Policies

Testing Framework Development

Collaborative Work

### EXPERIENCE

#### Network Test Engineer

TechWave Solutions, Inc. 📅 January 2023 - Present 📍 San Francisco, CA

As a Network Test Engineer, responsibility includes developing test plans for system integration, particularly focusing on end-to-end validation of network functions. Collaborating closely with development and network operations teams enhances troubleshooting capabilities and leads to timely issue resolution.

- Developed comprehensive test strategies for validating both software and network functionality.
- Collaborated with multi-disciplinary teams to troubleshoot complex network issues swiftly.
- Automated numerous test cases leading to decreased manual intervention during validation.
- Documented and presented findings improving stakeholder engagement and collaboration.
- Conducted hands-on evaluations of L2 and L3 network protocols ensuring adherence to project specifications.
- Contributed creatively to the development of automation tools utilizing Python.

#### Network Engineer

NetLink Technologies, LLC 📅 June 2021 - December 2022 📍 Mountain View, CA

In the role of Network Engineer, gained responsibilities including deploying and validating network systems while ensuring an efficient testing framework across multiple vendors. Actively sought ways to minimize downtime and enhance knowledge-sharing within the engineering team.

- Achieved a 95% success rate on system integration testing via strategic deployments.
- Engaged extensively in multi-vendor device testing contributing significantly to the overarching framework.
- Implemented targeted troubleshooting strategies mitigating downtime significantly.
- Introduced automated testing tools driving productivity up by 30%.
- Maintained operational excellence in Linux environments along with necessary network protocols.
- Mentored junior engineers fostering growth within the team through knowledge sharing.

#### Junior Network Test Engineer

CloudNet Innovations 📅 February 2019 - May 2021 📍 Sunnyvale, CA

Functioned as Junior Network Test Engineer offering critical support for senior staff by executing established test plans while gaining firsthand exposure to NFV and open-source technologies like OpenStack.

- Supported senior engineers in structuring test plans focused on successful validation outcomes.
- Participated in automating testing procedures which profoundly reduced manual workload.
- Assisted in proper documentation ensuring logged accuracies and helping in troubleshooting sessions.
- Joined regular discussions with IT development teams aligning testing tactics with overall targets.
- Learned various key network protocols through practical work contributing positively to reliability efforts.

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● Network Test Engineer at TechWave Solutions, Inc. (3.5 Years)

● Network Engineer at NetLink Technologies, LLC (1.5 Years)

● Junior Network Test Engineer at CloudNet Innovations (2.2 Years)

- Engaged in maintaining competitive standards on network reliability and performance throughout tenure.

## LEADERSHIP & AWARDS

- Outstanding Performance Award for innovative solutions in automating test processes.
- Employee of the Month recognizing exceptional teamwork and commitment to quality.

## EDUCATION

### Bachelor's Degree in Computer Science

University of California, Berkeley 🎓 GPA: 3.8 📅 2026 📍 Berkeley, CA

**Coursework:** Data Structures, Networking, Operating Systems, Software Engineering

## CERTIFICATIONS

- Certified Network Test Engineer 📅 2025
- AWS Certified Solutions Architect – Associate 📅 2026

## TECHNICAL SKILLS

- **Networking Tools:** Wireshark, nMap, SolarWinds
- **Cloud Platforms:** Amazon Web Services, Microsoft Azure, Google Cloud Platform
- **Programming Languages:** Python, Bash, Java
- **Automation Frameworks:** Robot Framework, Selenium, Jenkins
- **Operating Systems:** Linux, UNIX, Windows
- **Testing Methodologies:** Agile, Waterfall, V-Model
- **Scripting Tools:** Ansible, Puppet, Chef
- **Monitoring Software:** Nagios, Zabbix, Prometheus
- **Documentation Tools:** JIRA, Confluence, GitHub
- **Networking Concepts:** VLAN, VxLAN, BGP, MPLS, EVPN

## PROFESSIONAL AFFILIATIONS

- Member of the IEEE Communications Society, engaging in networking opportunities.
- Registered Volunteer with the local tech community, mentoring young talent.

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST