



# Sung Mathis

## Infrastructure/Networking Engineer II

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### SUMMARY

Infrastructure/Networking Engineer with over 5 years in developing systems and network solutions. Expertise in Python, network design, and Linux administration foster collaboration among teams to deliver secure, scalable solutions. Strong track record of improving efficiencies through innovative design and testing methodologies. Recognized for ability to verify software compliance, ensuring continuous operational integrity. Engaged with stakeholders at all levels to build effective communication strategies. Holds an active Top Secret SCI security clearance, showcasing commitment to security protocols and natural teamwork. Looking forward to contributing technical prowess in a challenging role.

### STRENGTHS

- Effective Communication**  
Regularly brief team members and stakeholders on technical updates; facilitate clarity and understanding in complex matters.
- Team Collaboration**  
Working alongside engineers fosters a shared approach, celebrating diverse perspectives in problem-solving enhances project outcomes.
- Security Compliance Advocate**  
Proven engagement in maintaining compliance ensures overall safety—becoming a reliable resource peers turn to for guidance regarding protocols.
- Resourcefulness in Challenges**  
Regular inputs in brainstorming sessions often lead challenges met with innovative solutions—the focus on results energizes the entire team.
- Process Optimization**  
Streamlined procedures have resulted in efficiency gains; encouraging teams toward achieving workflow goals collaboratively.

### SKILLS

Python Linux Administration

Cisco Networking Ansible

VMware TCP/IP

Network Security

System Validation Cloud Migration

Virtualization Performance Testing

### EXPERIENCE

#### Infrastructure Engineer

Tech Innovations Inc. | June 2023 - Present | Silver Spring, MD

Leading the infrastructure engineering team to design robust network solutions, enhancing connectivity across high-capacity systems. Innovated processes that support data across organizational layers while driving a collaborative environment. Evaluations revealed performance measures meet strict security requirements.

- Spearheaded network architecture projects utilizing Python and Ansible to boost system efficiency.
- Engineered solutions for enterprise-grade network equipment, focusing on Cisco and Juniper technologies.
- Champion interactions between R&D teams ensuring secure development practices meld strategy into implementation.
- Originate and provide comprehensive briefings for diverse stakeholders about network developments.
- Integrate modern validation approaches for seamless performance testing, enforcing compliance.
- Driven efforts significantly mitigate downtime risks and bolster overall infrastructure resilience.

#### Network Systems Analyst

Data Solutions LLC | February 2021 - May 2023 | Rockville, MD

Collaborated with cross-functional partners to enhance network architecture, adhering to stringent compliance regulations. Focused on implementing cloud access solutions easily adaptable to business needs, assuring safety and performance.

- Managed virtualization resources using VMware, realizing scalability improvements.
- Executed designs which fortified network infrastructures securing sensitive application access.
- Engaged in cloud migration tasks that improved legacy operations prioritizing user experience.
- Automated server routines via Python scripts reducing workload while increasing operational uptime.
- Delivered workshops enriching knowledge sharing around best networking practices among peers.
- Upheld trust relationships through consistent troubleshooting and resolution delivery for IT issues.

#### Junior Network Engineer

CyberNet Solutions | August 2019 - January 2021 | Bethesda, MD

Contributed as a key player in establishing secure network environments, cultivating technological learning pathways. Current knowledge informs advocacy for proactive security measures.

- Participated in deploying networking frameworks while maintaining tight schedules.
- Assisted with Linux administration, emphasizing hands-on skills in Red Hat systems.
- Supported critical network assessments identifying vulnerabilities and elevating safeguards.
- Documented standards, guiding procedural coherence for ongoing project phases.

Automation Scripting

Compliance Standards

Technical Documentation

Troubleshooting

Cross-Functional Collaboration

## LANGUAGES

English Native

Spanish Intermediate

## MY CAREER



● Infrastructure Engineer at Tech Innovations Inc. (3.1 Years)

● Network Systems Analyst at Data Solutions LLC (2.2 Years)

● Junior Network Engineer at CyberNet Solutions (1.4 Years)

- Continued professional growth by following tech protocol advancements integral to networking domains.
- Actively contributed insights during meetings fostering a cohesive team emphasis on goals.

## LEADERSHIP & AWARDS

- Dean's List, University of Maryland
- Cybersecurity Scholarship Recipient

## EDUCATION

### Bachelor of Science in Computer Engineering

University of Maryland 🎓 GPA: 3.7 📅 2020 📍 College Park, MD

**Coursework:** *Network Design, Systems Programming, Cybersecurity Essentials, Database Management*

## CERTIFICATIONS

- CompTIA Network+ 📅 2022
- Cisco Certified Network Associate (CCNA) 📅 2023

## TECHNICAL SKILLS

- **Scripting Languages:** Python, Bash, Perl
- **Operating Systems:** Linux, Unix, Windows
- **Networking Protocols:** TCP/IP, UDP, DNS
- **Virtualization Technologies:** VMware, KVM, Hyper-V
- **Configuration Management:** Ansible, Puppet, Salt
- **Networking Hardware:** Cisco, Juniper, Arista
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Monitoring Tools:** Nagios, Zabbix, Wireshark
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Project Management:** JIRA, Trello, Asana

## PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery (ACM)
- Volunteer, Tech for Good Program

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST