



# Desmond Rahman

## Network Engineer

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### SUMMARY

Motivated Network Engineer with over two years of experience in designing and implementing networks. Experience spans hardware and software selections, ensuring optimal performance to support business strategies. Skills include network design, evaluation of emerging communication technologies, and Cybersecurity best practices according to NIST standards. Passionate about enhancing system integrity and client satisfaction through innovative solutions. Believes collaboration fuels project success; works effectively within teams for efficient delivery. Holds a DoD 8570 certification at IAT Level II, adept in Linux and Windows environments, positioned for continued growth in critical technology areas.

### STRENGTHS

- 💡 **Innovative Problem Solver**  
Regular approached complex network issues with fresh perspectives. Persuasive ideas earned recognition from clients and peers.
- 🗣️ **Effective Communicator**  
Translates technical information into understandable terms. Made insights accessible for non-technical stakeholders.
- 👥 **Team Player**  
Works alongside diverse teams to drive project completion. Colleagues point out willingness to share knowledge and support.
- 🔄 **Adaptable Thinker**  
Embraces change swiftly. Experiences tackling various technical challenges encouraged ongoing learning.
- 👍 **Proactive Contributor**  
Actively seeks opportunities for improvement. Partnered with teams effectively uncovering objectives and facilitating progress.

### SKILLS

Network Design

Cybersecurity Technologies

Linux/Windows Administration

Scripting (Ansible, PowerShell)

NIST Standards Compliance

RMF Governance

Routing Protocols

### EXPERIENCE

#### Network Engineer

CyberTech Innovations 📅 January 2024 - Present 📍 Huntsville, AL

Responsible for the network infrastructure quality and performance. Support multiple initiatives dealing with hardware and software integration aimed at optimizing operational efficiency. Collaborate effectively with various stakeholders to ensure smooth implementation of technology updates.

- Provided detailed specifications for hardware selection to align with future capacity requirements.
- Conducted comprehensive testing of network designs, improving reliability metrics by thoughtful adjustments.
- Maintained technical expertise across routers, switches, firewalls, and associated functionalities.
- Reported findings on new communication technologies, facilitating enhancements of existing systems.
- Participated in an on-call rotation, resulting in improved response times during off-hours network issues.
- Collaborated with cross-functional teams to deploy patches and security updates, raising compliance rates.

#### Junior Network Engineer

NextGen Technologies 📅 June 2022 - December 2023 📍 Huntsville, AL

Assisted in establishing foundational networking structures while contributing directly to cybersecurity measures and data management strategies. Developed strong troubleshooting skills through hands-on tasks involving both software configuration and user support.

- Supported configuration and administration of Linux/Windows applications for better functionality.
- Engaged actively in implementing scripting solutions, which streamlined processes and reduced downtime.
- Gained practical experience with security configurations including Firmware updates and STIG interactions.
- Conducted performance assessments that informed recommendations for network enhancements.
- Documented all networking procedures ensuring adherence to NIST standards for systematic governance.
- Promoted teamwork by sharing insights during meetings, shaping collective problem-solving approaches.

### LEADERSHIP & AWARDS

- Cybersecurity Excellence Award for outstanding contribution to safety protocols in 2024.
- Employee of the Month - January 2025 for exceptional performance and teamwork.

Firewalls Configuration

Load Balancers Management

Communication Technology  
Evaluation

Testing and Validation

Wireless Networking

VPN Implementation

Incident Response Planning

Network Performance Assessment

Client Engagement

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● Network Engineer at  
CyberTech Innovations (2.5  
Years)

● Junior Network Engineer at  
NextGen Technologies (1.5  
Years)

## EDUCATION

### Bachelor's Degree in Computer Science

University of Alabama in Huntsville 🎓 GPA: 3.8 📅 2022 📍 Huntsville, AL

**Coursework:** Data Structures, Networking, Cybersecurity, System Architecture

## CERTIFICATIONS

- CompTIA Security+ 📅 2023
- Cisco Certified Network Associate (CCNA) 📅 2025

## TECHNICAL SKILLS

- **Network Design Tools:** Cisco Packet Tracer, Wireshark, GNS3
- **Operating Systems:** Linux, Windows Server, Ubuntu
- **Cybersecurity Frameworks:** CIS Controls, NIST SP 800-53, RMF
- **Scripting Languages:** Ansible, Python, PowerShell
- **Virtualization Software:** VMware, Hyper-V, VirtualBox
- **Communication Protocols:** TCP/IP, UDP, SMTP
- **Firewall Technologies:** Palo Alto, Fortinet, Cisco ASA
- **Monitoring Tools:** Nagios, Zabbix, SolarWinds
- **Collaboration Tools:** Slack, Microsoft Teams, Zoom
- **Documentation Tools:** Visio, Lucidchart, Confluence

## PROFESSIONAL AFFILIATIONS

- Member of the Association for Computing Machinery (ACM).
- Volunteer coordinator at local STEM education programs.

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST