



Desmond Rahman

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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.

EXPERIENCE

Network Engineer January 2024 - Present
CyberTech Innovations *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 June 2022 - December 2023
NextGen Technologies *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.

EDUCATION

Bachelor's Degree in Computer Science 2022
University of Alabama in Huntsville GPA: 3.8 *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

SKILLS

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|-----------------------------------|-----------------------------|---------------------------------------|----------------------------------|
| • Network Design | • NIST Standards Compliance | • Load Balancers Management | • VPN Implementation |
| • Cybersecurity Technologies | • RMF Governance | • Communication Technology Evaluation | • Incident Response Planning |
| • Linux/Windows Administration | • Routing Protocols | • Testing and Validation | • Network Performance Assessment |
| • Scripting (Ansible, PowerShell) | • Firewalls Configuration | • Wireless Networking | • Client Engagement |

PROFESSIONAL AFFILIATIONS

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

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST