

Diannia Clotworthy

Network Security Engineer

Profile

Network Security Engineer with 2 years of experience in designing, implementing, and maintaining secure network infrastructures. Proficient in threat analysis, vulnerability assessment, and deploying security solutions to mitigate risks. Strong knowledge of firewalls, intrusion detection systems, and encryption technologies. Demonstrates excellent problem-solving skills and a commitment to staying current with emerging security trends. Adept at collaborating with cross-functional teams and providing top-notch network security support to ensure business continuity.

Employment History

Network Security Engineer at Cisco Systems Inc., IN

Apr 2023 - Present

- Successfully implemented a network security infrastructure upgrade for a major client, resulting in a 30% increase in threat detection and response efficiency.
- Conducted a comprehensive security audit for a large enterprise network, identifying and remediating over 100 critical vulnerabilities, reducing the potential attack surface by 40%.
- Led a team of 5 engineers to design and deploy a secure remote access solution for a global organization, improving secure connectivity for over 10,000 employees and reducing VPN-related issues by 25%.
- Developed and delivered a custom network security training program for a client's IT staff, increasing their proficiency in managing security incidents by 35% and reducing mean time to resolution by 20%.

Associate Network Security Engineer at Raytheon Technologies, IN

Sep 2021 - Feb 2023

- Led the implementation of a network security system upgrade for Raytheon Technologies, resulting in a 40% improvement in threat detection and response times.
- Designed and deployed an advanced Intrusion Detection System (IDS) across the company's 500+ server infrastructure, reducing the average time to detect security threats by 50%.
- Conducted a comprehensive security audit of the company's network infrastructure, identifying and remediating over 100 potential vulnerabilities, thereby reducing the risk of cyberattacks by 60%.
- Developed and delivered training programs on network security best practices for more than 200 employees, leading to a 30% reduction in security incidents caused by human error.

Certificates

Certified Information Systems Security Professional (CISSP)

Aug 2021

Certified Ethical Hacker (CEH)

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Education

Bachelor of Science in Cybersecurity and Network Engineering at Purdue University, West Lafayette, IN

Sep 2017 - May 2021

Relevant Coursework: Network Engineering, Cryptography, Ethical Hacking, Cybersecurity Fundamentals, Digital Forensics, Secure Systems Design, Intrusion Detection and Prevention, and Security Policy and Compliance.

Links

[linkedin.com/in/dianniaclotworthy](https://www.linkedin.com/in/dianniaclotworthy)

Skills

Cryptography

Firewall Management

Intrusion Detection

Penetration Testing

Secure Socket Layer (SSL)

Virtual Private Network (VPN)

Security Information and Event Management (SIEM)

Languages

English

Hindi