Saiful Islam Shakib
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Hiring Manager
Cisco Systems
Company Address
City, Country

Dear Hiring Manager,

I am excited to apply for the Cisco Network Engineer position at Cisco Systems. As a recent B.Sc. graduate in Computer Science and Engineering from Port City International University, with hands-on experience in network security, penetration testing, and IoT network protocols, I am eager to contribute my technical expertise and passion for networking to Ciscos innovative solutions. Your leadership in enterprise networking and commitment to secure, scalable infrastructure inspire me to join your team and advance my career in network engineering.

During my academic and professional journey, I developed a strong foundation in network security and analysis, complemented by proficiency in tools like Nmap, Wireshark, and Aircrack-ng. In a 2024 network security project, I conducted DNS enumeration using Sublist3r, Amass, and dnsrecon to map subdomains, followed by Nmap scans to identify vulnerabilities. This experience honed my ability to analyze network configurations and mitigate risks, skills directly applicable to designing and maintaining Ciscos robust network architectures. Additionally, my internship at a local IT firm in Chittagong involved monitoring network traffic with Wireshark, configuring firewalls, and testing Wi-Fi security using Aircrack-ng, providing me with practical insights into network administration.

My thesis on Low-Power Wide Area Networks (LPWANs) deepened my understanding of IoT protocols like LoRaWAN, which are increasingly relevant to Ciscos IoT networking solutions. I developed a Python-based simulation to model LoRaWAN data transmission for smart agriculture, demonstrating my ability to work with emerging network technologies. Combined with my familiarity with Linux environments (Kali and BackBox) and protocols like TCP/IP, HTTP, and DNS, I am prepared to tackle the challenges of implementing and optimizing Cisco networking systems.

Ciscos reputation for innovation and its focus on cybersecurity align perfectly with my career goals. I am particularly drawn to your advancements in SD-WAN and network automation, and I am eager to apply my programming skills (Python, Bash) and analytical mindset to support these initiatives. My certifications in TryHackMes Introduction to Cybersecurity and Courseras Python for Everybody further equip me to contribute effectively as a Network Engineer.

I am enthusiastic about the opportunity to bring my technical skills and dedication to Cisco Systems. I would welcome the chance to discuss how my background in network security and IoT aligns with your teams objectives. Thank you for considering my application. I look forward to the possibility of an interview and can be reached at (+880) 1831-343379 or si0614318@gmail.com.

Sincerely,
Saiful Islam Shakib