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Dear Praetorian Team,

I am writing to express my interest in the Penetration Testing and Security Research Internship opportunity at Praetorian. As a third-year B.Tech student specializing in Cyber Security. I am passionate about offensive security and have hands-on experience in threat analysis, vulnerability assessment, and security operations. I am excited about the opportunity to contribute my skills and learn from the world-class security experts at Praetorian.

During my internship as an Information Security Analyst at N-able Private Limited, I honed my skills in identifying and mitigating security vulnerabilities through threat hunting, firewall configuration, and real-time incident response. I worked with tools such as ElasticSearch to detect SQL injection attempts and secure file access vulnerabilities, which resulted in proactive IP blacklisting and immediate client alerts. My experience also includes creating Sigma rules for threat detection and managing quarantined devices using Sentinel and Imperva Cloud. This experience has prepared me well for the challenges of uncovering material risks and emulating attackers, core responsibilities of the Praetorian internship.

In addition to my professional experience, I have demonstrated my passion for cybersecurity through active participation in Capture The Flag (CTF) competitions and various ethical hacking projects. In one project, I used Burp Suite, Netdiscover, and Nmap to exploit web vulnerabilities, crack password hashes, and retrieve sensitive data from a target system. These projects reflect my commitment to learning and applying offensive security techniques to real-world problems.

The opportunity to work with Praetorian, a leader in offensive security, and to help prevent breaches before they occur excites me. I am confident that my technical skills in Python, C, C++, and cybersecurity tools such as Burp Suite, Metasploit, and Wireshark, along with my strong problem-solving abilities, will allow me to contribute effectively to your mission of preventing compromise.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experiences align with Praetorian's goals and how I can contribute to your innovative security solutions.

Sincerely,  
**Shangruthan**