

Jayant Kumar

Computer Science
Bachelor of Technology
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OBJECTIVE STATEMENT

Cybersecurity expert specializing in **threat detection**, **cyber defense**, and **application security**. Experienced in building **secure, scalable applications** with a focus on **system hardening** and **performance optimization**. Adept at **risk mitigation** and **penetration testing**, ensuring robust security frameworks for web applications.

EDUCATION

•**Bachelor of Technology in Computer Science and Engineering** 2022-2026
Lovely Professional University, Punjab CGPA: 7.06/10

EXPERIENCE

•**Website Developer** March 2024 - May 2024
Tulip Design Remote (Online)

- **Responsive Web Design:** Developed a **mobile-first**, cross-browser-compatible website using **HTML**, **CSS**, **JavaScript**, and **React**. Improved usability and UI/UX design.
- **Performance Boosting:** Optimized performance, reducing website load times by **15%** and ensuring faster page rendering.
- **SEO Enhancement:** Integrated SEO strategies that resulted in a higher search engine ranking and increased organic traffic.
- **Team Collaboration:** Collaborated with designers and marketers, ensuring user-centric features that improved customer engagement and conversions.

PROJECTS

•**NTA Tool** June 2024 - July 2024
Remote

- **Automated Tool for Network Analysis:** Created an **automated tool** for real-time network traffic analysis, detecting potential anomalies and security breaches. Implemented data visualization dashboards for clearer traffic insights and faster response times.

•**Check5** July 2024 - August 2024
Remote

- **Vulnerability Scanner:** Developed a **vulnerability scanner** that performs automated security checks to identify critical web application weaknesses. Incorporated features to scan for SQL injection, cross-site scripting (XSS), and session hijacking. Designed an intuitive UI to simplify the vulnerability testing process.

•**DDoS Simulator** August 2024 - October 2024
Remote

- **DDoS Attack Simulator:** Engineered a **DDoS attack simulator** for testing systems against distributed denial-of-service threats. Provided defense testing for various anti-DDoS mechanisms, enhancing overall system resilience.

SKILLS

- **Programming Languages:** Python, C, C++, Java, JavaScript, HTML, CSS
- **Cybersecurity Tools:** Kali Linux, Metasploit, Burp Suite, Wireshark, Nmap, John the Ripper
- **Security Practices:** Penetration Testing, **OWASP Top 10**, Threat Hunting, Vulnerability Assessment
- **Soft Skills:** **Problem Solving**, Collaboration, Adaptability, Time Management

CERTIFICATIONS

•**Network Traffic Analyzer (IBM Training):** Focused on sockets, threads, and analyzing network traffic for security threats. Certificate

•**Introduction to Cyber Security Specialization (Coursera):** In-depth knowledge of cyber defense, risk assessment, and securing systems. Certificate

•**Mastering Data Structures & Algorithms (Udemy):** Strengthened understanding of data structures, algorithm design, and optimized problem-solving techniques. Certificate