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**
Remote June 2024 - July 2024
  - **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**
Remote July 2024 - August 2024
  - **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**
Remote August 2024 - October 2024
  - **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**: Metasploit, Burp Suite, Wireshark, Nmap, Sqlmap, John the Ripper
- **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