

DIVYANSH SHARMA

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EDUCATION

PRANVEER SINGH INSTITUTE OF TECHNOLOGY

Bachelor of Technology in Computer Science with Artificial Intelligence | CGPA: 6
Relevant Coursework: Penetration Testing, AI for Cybersecurity.

Kanpur, INDIA
11/2021 – 05/2025

SANSKAAR INTERNATIONAL SCHOOL

Senior Secondary (XII) | GRADES: 72%

Prayagraj, INDIA
06/2019 - 07/2021

PROFESSIONAL EXPERIENCE

TUTELR INFOSEC PVT. LTD.

Cyber-Security Intern

Kanpur, INDIA
05/2023 - 08/2023

- Collaborated with teams to deploy and configure security tools such as intrusion detection systems and firewalls.
- Performed network packet analysis using Wireshark, detecting and mitigating security threats effectively
- Authored 10+ detailed security reports, enhancing incident response documentation efficiency by 30%

UNIVERSITY PROJECTS

PROTECTRON: AI END-POINT SECURITY TOOL | [LINK](#)

10/2024 – 05/2025

- Spearheaded the creation of a cutting-edge security tool named Protectron, leveraging advanced AI technology to bolster security measures within a specific industry context.
- Designed AI models for real-time threat monitoring, reducing potential breaches by 25%, and conducted predictive analysis to proactively mitigate risks in client networks.
- Developed automated workflows to isolate compromised devices upon detecting anomalies, reducing response time by 40%.

INSPECTEDGE: SMART VISION SYSTEM FOR DEFECT DETECTION | [LINK](#)

- Utilized YOLOv5 and OpenCV to automate product verification, ensuring correct item placement and quantity tracking.
- Developed a CNN-based classification model to assess product quality with a freshness score (1-10), detecting defects and ensuring compliance.
- Integrated ESP32-CAM with a Flask API to capture and transmit real-time images, enabling seamless data flow for quality and inventory checks.

GRAPHICAL PASSWORD AUTHENTICATOR | [LINK](#)

10/2022 - 06/2023

- Created a secure graphical password authenticator with HTML, CSS, and JavaScript, enhancing user login security by implementing robust encryption techniques.
- Achieved 20% faster login response through optimized Node.js backend.
- Utilized AES encryption for secure storage of graphical credentials.

CERTIFICATIONS

- | | |
|--|-------------------|
| • Red Teaming – Tryhackme | 08/2024 - Present |
| • Junior Penetration Testing – TryHackme | 09/2023 - 05/2024 |
| • Ethical Hacker – Internshala | 08/2022 - 09/2022 |
| • NDG Linux Essentials – Cisco | 04/2022 - 10/2022 |

SKILLS

- **Programming Languages:** Python, JavaScript, SQL, HTML, C.
- **Security Tools:** Wireshark, Nessus, Nmap, Metasploit, Burp Suite, OWASP Top 10.
- **Frameworks:** Express, Node.js.
- **Other Skills:** Penetration Testing Network Analysis, Problem Solving, Threat Hunting.