

# Deepak Ojha

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## SKILLS

**Languages:** Python, Bash, C, C++, SQL

**Tools/Platforms:** Experience using Wireshark, Kali Linux, Splunk, FTK, Cisco Packet Tracer, VMware, Git Hub

**Soft Skills:** Problem-Solving, Team Player, Project Management, Adaptability

## PROJECTS

**Vulnerability Analyzer** | Python, Nmap, OpenVAS, Flask, Security, File Handling Apr 2024

- Developed a structured, menu-driven vulnerability scanning tool, enabling seamless navigation through features like scanning, risk assessment, and reporting.
- Implemented advanced file handling techniques to store and manage scan results efficiently without requiring database.
- Integrated a secure authentication system, ensuring that only authorized users can access and modify scan reports.

**Network Traffic Monitor** | Python, C++, MySQL, Network Security, Packet Sniffing Apr 2024

- Built a structured, menu-driven interface for monitoring real-time network traffic with features like packet sniffing, filtering, and anomaly detection.
- Optimized efficient data handling techniques to capture and analyze network packets without requiring an external database.
- Deployed a secure authentication system, ensuring that only authorized users can access and configure traffic monitoring settings.

## SUMMER TRAINING

**Data Structures Of Algorithms Using C++** Jun–Jul 2024

- Completed a 65-hour online training course on Dsa using c++ organized by Lovely Professional University. Earned an "O" Grade (90% and above), demonstrating excellence in Java programming and application development. Gained hands-on experience in Dsa Strengthened problem-solving and coding skills, enhancing software development proficiency.

## CERTIFICATES

- |   |          |
|---|----------|
| • Digital Forensics Essentials, EC-Council   Coursera | Nov 2024 |
| • Ethical Hacking Essentials, EC-Council   Coursera   | Dec 2024 |
| • Dynamic Programming, Greedy Algorithms   Coursera   | Apr 2024 |
| • GenAI for Everyone   Coursera                       | Feb 2024 |
| • Algorithms on Strings   Coursera                    | Feb 2024 |
| • Prompt Engineering for ChatGPT   Coursera           | Feb 2024 |

## ACHIEVEMENTS/CO-CURRICULAR ACTIVITIES

- |   |          |
|---|----------|
| • Solved over 150+ DSA problems across multiple platforms | Jan 2025 |
| • Gold Badge of C++ on HackerRank                         | Jan 2025 |
| • Bronze Badge of Problem Solving on HackerRank           | Feb 2025 |

## EDUCATION

- |   |  |
|---|--|
| • <b>Lovely Professional University</b><br>Bachelor of Technology - Computer Science and Engineering; <b>CGPA: 6.54</b> | Phagwara, India<br>Since August 2026       |
| • <b>DAV Sr. Sec. School</b><br>Intermediate PCM; <b>Percentage: 84.44%</b>   | Rajasthan, India<br>July 2019 – April 2020 |
| • <b>Shri Dev Narayan Shiksha Niketan</b><br>Matriculation; <b>Percentage: 66%</b>                                      | Rajasthan, India<br>July 2018 - March 2019 |