Vedansh Pundir

(+91) 9410993720   vedanshpundir43@gmail.com   Professional Portfolio   in LinkedIn

LeetCode   GeeksforGeeks   GitHub

Education

University of Petroleum and Energy Studies (UPES), Dehradun   *Aug 2022 - Present*
Bachelor of Technology in Computer Science and Engineering
Specialization in Cyber Security and Digital Forensics
CGPA: 8.42/10 (Current standing through Sixth semester)

Doon Presidency School, Dehradun   *April 2019 - 2022*
Senior Secondary (PCM) - Indian School Certificate (ISC)   95%
Secondary Education - Indian Certificate of Secondary Education (ICSE)   92%

Technical Skills

Programming Languages: Java, Python, C, HTML, CSS, JavaScript
Frameworks/Technologies: AngularJS, Node.js
Database Management: SQL (MySQL)
Development Tools: NMAP, Wireshark, Burp Suite, GitHub, Kali Linux, Ubuntu, Metasploitable2, Nessus Essentials, Splunk
Cybersecurity: Network Security, Application Security, OSI Model, TCP/IP fundamentals, Vulnerability Scanning, Packet Analysis, Reconnaissance, Secure Coding
Computer Science: Data Structures & Algorithms, Computer Networks, Object-Oriented Programming, Web development

Projects

SilentTrigger: A Deceptive Canary Token Toolkit [GitHub]   *(July 2025 – Present)*

- Developed a hybrid Flask–Tkinter based intrusion detection toolkit to track unauthorized document access.
- Created two types of tokens: URL-based triggers and DOCX file with embedded canary URLs.
- Designed a local GUI interface using Tkinter for easy server control, token generation, and log viewing.
- Integrated alerting,IP-based geolocation,user-agent logging, and log persistence with Splunk dashboard.

AutoVuln Analyzer [GitHub]   [Live Demo]Username:admin Password:password123 *(Jan 2025 – May 2025)*

- Developed a Python-based vulnerability scanner and web dashboard to visualize scan results.
- Integrated NVD to fetch CVE metadata (CVSS, severity, descriptions, references).
- Enabled filter, search, export, and dashboard along with email alerting.

GeoScan: Network Information Gathering Tool [GitHub]   *(Aug 2024 – Nov 2024)*

- Developed a C++ tool to detect wireless-connected devices and perform open port scanning on targets.
- Integrated IP-based geolocation mapping,operating systems, and version checks for network profiling.
- Designed modular CLI interface for flexible scans and report generation.

Achievements

- Solved 400+ DSA problems across LeetCode and GFG.
- Certified in Cybersecurity (CCOE, Webel), AWS Cloud Practitioner, and Cisco Networking.
- Earned API Security Fundamentals '25 badge.
- Participated in Hacktoberfest 2024; contributed to open-source repositories.
- Solved 60+ Capture The Flag (CTF) challenges on picoCTF and TryHackMe.

Positions of Responsibility

App Developer Intern, RAASA KARTS   *Jun 2025 – Present*
Application Security Intern, Castellum Labs   *July 2025 – Present*
Active Member, Association for Computing Machinery (ACM), UPES Chapter   *Aug 2022 – 2023*