SANJAY KUMAR D K

Phone : +91 9786773268 | **Email** : sanjaykumardk753@gmail.com | Github | Portfolio | LinkedIn | Leetcode

EDUCATION

B.E(CSE) - Sri Eshwar College of Engineering	**CGPA** : **7.94** (Upto 4th Semester)	**2023-2027**
HSC - Vidhyaa Vikas Matric Higher Secondary School	**93.24 %**	**2020-2021**
SSLC - Vidhyaa Vikas Matric Higher Secondary School	**92.67 %**	**2019-2020**

INTERNSHIP

Telstra - I've successfully completed a virtual internship with Telstra focused on malware analysis. I've also gained practical experience in identifying, analyzing, and mitigating various types of malware using static & dynamic techniques. **2025 | Certificate**

Mastercard - I've successfully finished a virtual internship with Mastercard centered on email analysis. I've also learned to detect and investigate phishing, spoofing, and other email-based threats. **2025 | Certificate**

PROJECTS

Rapid-Recon - I have developed a Python-based reconnaissance tool for automating domain and IP intelligence gathering using OSINT techniques.Also I've implemented modular architecture with API integration, CLI interface, and structured output for penetration testing workflows.

Tools : Python, OSINT APIs, Regex, Git, CLI, .env, File I/O, Linux Terminal. **2025 | Github**

Cryptalk – Encrypted Chat App : I've developed a secure MERN stack chat application with real-time messaging, E2E encryption, smart replies, and file sharing.

Tools : MongoDB, Express.js, React.js, Node.js, Socket.io, JWT, Crypto.js, Tailwind CSS, React Router. **2025 | Github**

Passoword Manager - I've built a secure MERN stack password manager with encrypted storage and random password generator.

Tools : MongoDB, Express.js, React.js, Node.js, bcrypt, JWT, Crypto.js, Tailwind CSS, React Router **2024 | Github**

PyCrypt - I've built a Python GUI based script encrypts data for security and decrypts it back to its original form using cryptographic algorithms where sensitive information is encoded to prevent unauthorized access.

Tools : Python, Tkinter, PyCryptodome, hashlib, Fernet. **2024 | Github**

CERTIFICATIONS

Microsoft Azure AZ-900 : Azure Fundamentals	**2025	Certificate**
Linux administration - The complete linux bootcamp 2025	**2025	Certificate**
Cybersecurity - SOC and SIEM (Splunk & ELK) for Beginners	**2025	Certificate**
Computer Networking Fundamentals	**2024	Certificate**
Mastering Data Structures and Algorithms using C and C++	**2024	Certificate**

ACHEIVEMENTS

Smart India Hackathon (SIH2024)	**Shortlisted**
Hack The Vault - 24 Hours AI - Cybersecurity Hackathon	**Runner-Up**
SECE Freshathon 2024	**Winner**
Leetcode : Rank : 5,42,844	200+ problem	**Profile**
TryHackMe : Solved 20+ labs	**Profile**

SKILLS

Linux – Command-line Proficiency | File & Process Management | Package Management (APT/YUM) | User & Group Administration | System Security Hardening | Server Configuration & Maintenance

Computer Networking - TCP/IP | OSI Model | Ethernet | IP Addressing | Subnetting | ARP | ICMP | TCP | UDP | Switches | Routers | NAT | DHCP | DNS | Routing Methods

Security – SOC Monitoring | Threat Detection & Incident Response | Log Analysis (SIEM) | Web App Pentesting (Burp Suite, OWASP Top 10) | Vulnerability Scanning (Nessus) | Reconnaissance | Access Control

Cloud - AWS | Azure | VMs | Storage | Databases | Identity & Resource Management | Cloud Monitoring | Cost Optimization |

Programming Languages - Python (Automation & Scripting) | Bash (Shell Scripting) | C | C++

Web Development - HTML | CSS | Javascript | React | MongoDB | Node JS | Express JS

TOOLS

Offensive - Burp Suite | OWASP ZAP | Nikto | Dirb | SQLMap | Nmap | Metasploit Framework | Ffuf | Hydra | John the Ripper | Hashcat | Aircrack-ng | VirusTotal

Defensive - Splunk | ELK Stack | Wireshark | TCPDump | Sigma Rules | TheHive | MISP

Operating Systems - Kali Linux | Ubuntu | ArchLinux | Fedora | MXLinux | Windows | MacOS

Version Control System - Github | Gitlab | Git