

AMARKANT

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OBJECTIVE

Aspiring Cybersecurity Professional with strong foundations in Python, C++, Java, Linux, and core security concepts. Skilled in threat analysis, incident response, and system hardening. Passionate about solving real-world cybersecurity challenges through hands-on projects and continuous learning.

SKILLS

- Programming: C++, Python, Java
- Cybersecurity: Networking, Web Pentesting, Computer Forensics, IT Security
- Tools: Linux, SQL Server, RDBMS, OS Fundamentals, Nmap, Burpsuite, ZAP, Metasploit, Wireshark
- Web: HTML, CSS, JavaScript

EDUCATION

B.Tech CSE (Cyber Security) | Lamrin Tech Skills University Punjab

2023 – 2027 | SGPA: 8.6

Intermediate :- Jawahar Navodaya Vidyalaya, Sitapur (2021–2022)

KEY ACHIEVEMENTS

- CodeCrunch24 Hackathon – Collaborated in a cybersecurity-focused team to build practical solutions.

PROJECTS

Ransomware Detection using Network Traffic Analysis

- Developed a machine-driven system for ransomware detection using packet-level traffic analysis.
- Built analytics workflow to identify anomalies indicating early-stage ransomware activity.

PhishGuardAI – AI-based Phishing Detection Tool

- Designed an ML-powered detection system to classify phishing attempts with improved accuracy.
- Implemented automated analysis to secure user data and reduce social engineering risks.

Intelligent Illumination System

- Developed an automated street lighting system driven by environmental light sensing.
- Optimized energy usage using intelligent sensor integration.

Secure File System

- Created an encrypted file management system to ensure confidentiality and integrity of user data.
- Mitigated vulnerabilities through secure encryption workflow implementation.

INTERESTS

- Digital Forensics Analysis — Investigating digital evidence and cybersecurity incidents.
- Threat Research — Exploring evolving attack patterns and security technologies.