SIMRAN GROVER

EDUCATION

BBDNIIT   2021-2025

- B.Tech - 7.2 CGPA

MOUNT CARMEL COLLEGE

- 10th- 90.4%
- 12th- 80.0%

SKILLS

- Looker
- wordpress
- SQL
- ETL
- Pandas
- Vulnerability Assessment
- UI/UX Design
- HTML, CSS
- Linux
- Python, C
- Web Application Security
- OSINT & Threat Research

TOOLS

- Nmap
- Burp Suite (Community Edition)
- OWASP ZAP
- Nikto
- Whois,
- nslookup
- Linux Command Line (basic system & network commands)

CONTACT

- 📞 7985005315
- ✉ simrangrover54@gmail.com
- 📍 BANGALORE

LANGUAGES

- English
- Hindi

PROFILE SUMMARY

IT graduate with hands-on internship experience in technical operations, analysis, and risk assessment at Airtel. Currently strengthening practical skills through real-world monitoring and issue identification projects. Strong analytical, documentation, and execution abilities with proven impact in a high-traffic e-commerce environment.

WORK EXPERIENCE

Cybersecurity Intern

- Gained hands-on exposure to network protocols including TCP/IP, OSI model, DNS, and subnetting, supporting troubleshooting and configuration documentation.
- Conducted OSINT research on emerging cyber threats and known vulnerabilities, preparing daily intelligence briefs for security monitoring.
- Performed vulnerability assessments in test environments using basic scanning techniques, identifying configuration weaknesses and supporting mitigation discussions.
- Assisted in threat detection and log monitoring, identifying suspicious activity and anomaly patterns.
- Studied and assessed web application vulnerabilities aligned with the OWASP Top 10, supporting proactive security measures.
- Participated in vulnerability scanning and simulated attack scenarios, contributing to risk prioritization.

SEO - Bewakoof

- Owned end-to-end SEO execution across content and commerce pages: on-page, off-page, and technical SEO, including audits, internal linking, indexation support, and performance improvements.
- Produced 180+ SEO-led blog topics/articles aligned to search intent, improving topical coverage and content discoverability.
- Managed and optimized merchandising/category/collection pages to improve rankings and user journeys (navigation, internal links, metadata, cannibalization control).
- Achieved 100K+ organic traffic through SEO strategy, content planning, and continuous optimization.

PROJECTS

Public-Facing Asset Monitoring (Current)

- Identifying and monitoring public-facing organizational assets including domains, subdomains, IPs, and exposed services.
- Conducting network and service discovery using Nmap to identify open ports, running services, and attack surfaces.
- Mapping findings to known CVEs and OWASP Top 10 risks where applicable.
- Documenting vulnerabilities, assessing risk severity, and proposing remediation aligned with security best practices.

Keystroke Logger

- Built a controlled keystroke-logging prototype to study keylogging threats from a defensive security perspective.
- Analyzed captured inputs to understand attacker techniques, indicators of compromise, and prevention controls.
- Documented ethical considerations and mitigation strategies including endpoint protection and least-privilege principles.