

# Dhruv Kumar Sharma

📍 Greater Noida, India 📞 +91-9761804932 ✉ dhruv15saraswat@gmail.com

🌐 dhruv-saraswat-vrtl 🏠 Eurt-labs

## Profile

Cybersecurity-focused Electronics and Communication Engineering undergraduate with hands-on experience in Vulnerability Assessment and Penetration Testing (VAPT), Digital Forensics (DFIR), and mobile application security. Skilled in building secure systems across web, network, and embedded environments, with growing expertise in AI-driven anomaly detection and edge computing systems.

## Technical Skills

**Cybersecurity:** VAPT, DFIR, OWASP Top 10, Web & Network Security **Tools:** Burp Suite, Nmap, SQLMap, Autopsy, Metasploit, Nikto, Hydra **Platforms:** Linux (Kali, Ubuntu), VMware, VirtualBox **Programming:** C, Python (basic), Embedded C++

## Experience

### Cyber Security Intern

*Feb 2026 – Apr 2026 1stop / Threat Prism*

- Performed vulnerability assessment and penetration testing in controlled lab environments.
- Conducted phishing awareness simulations and analyzed social engineering attack patterns.
- Identified and analyzed application-level security vulnerabilities using industry tools.

## Projects

### AnomX – Edge-Based Emergency Response System

- Developed ESP32-based crash detection system using accelerometer sensor.
- Implemented real-time kinematic analysis and interrupt-driven detection.
- Designed BLE communication system with latency under 50ms.
- Built Android application for GPS tracking and automated emergency SMS alerts.

### Web & Network Security VAPT Lab

- Built penetration testing lab using Kali Linux and Ubuntu.
- Performed scanning and exploitation using Nmap, Burp Suite, SQLMap.
- Identified vulnerabilities including SQL Injection, XSS, and IDOR.

### Android Application Penetration Testing

- Conducted static and dynamic analysis using ADB and Burp Suite.
- Identified insecure storage, communication flaws, and authentication issues.

### Digital Forensics Investigation

- Performed forensic analysis using Autopsy.
- Extracted browser history, registry data, and deleted files.

## Education

### B.Tech in Electronics and Communication Engineering

*2025 – 2029* Gautam Buddha

University, Greater Noida

## Certifications

- Industrial Program in Cyber Security – Threat Prism
- Cyber Security Program – IIT Kharagpur (Kshitij)
- Cyber Shakti Foundation – DPDPA
- Phishing Awareness Simulation

## Position of Responsibility

Core Member – AWS Cloud Club, Gautam Buddha University