KIRAN KUMAR K

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PROFESSIONAL SUMMERY

Ethical hacker and cybersecurity enthusiast with hands-on experience in VAPT, web application security, and threat analysis. Proficient in offensive security tools like Burp Suite, Metasploit, and Nmap, with strong scripting skills in Python and Bash. Adept at identifying, exploiting, and reporting vulnerabilities to enhance system defenses.

SKILLS

- **Penetration Testing & VAPT**
- **Web Application Security**
- **Log Analysis & SIEM Tools**
- **Linux Security (Kali, Ubuntu)**
- **Python & Bash Scripting**

- **Threat Intelligence & Incident Response**
- **SQL Injection & Web Exploitation**
- **Offensive Security Tools (Burp Suite, Nmap, Metasploit)**
- **Security Automation & Tool Development**

EXPERIENCE

Information Security Intern
Indian Institute of Science (IISc), Bangalore
Mar 2025 – Jun 2025

- Performed **VAPT** on IISc subdomains, identifying **OWASP Top 10** vulnerabilities
- Used **OpenVAS** & **Burp Suite** for scanning, enumeration & PoC
- Analyzed web server logs to detect anomalies and threats
- Delivered detailed **security reports** with remediation steps

Independent Bug Bounty Hunter
Self-Employed
Mar 2023 – Dec 2024

- Reported high-impact bugs across global platforms, including:
    - **NASA** – Bulk directory listing (**Aug 2024**)
    - **Hrylabour.gov.in** – Reflected XSS (**Jun 2024**)
    - **Patanjaliayurved.net** – High-severity XSS (**Jul 2024**)
    - **Stanford University** – AWS misconfiguration (**Jul 2024**)

EDUCATION

Bachelor of Engineering (Computer Science)
Alva's Institute of Engineering and Technology, Mangaluru — **May 2025**

Diploma in Mechanical Engineering
S J V P Polytechnic College, Harihar — **Jan 2022**

CERTIFICATIONS

- **Ethical Hacking Essentials (EC-Council)**
- **Network Defense Essentials (EC-Council)**
- **Cyber Security Fundamentals**
- **Bug Bounty & Web Hacking – Udemy**
- **Intro to Dark Web & Crypto – EC-Council**
- **Network Hacking Prevention – Infosys**

PROJECTS

- **LogAnalyzer-Pro -** Python-based tool that parses and analyzes server logs to detect anomalies and visualize security alerts.

- **Brouteforce -** Custom brute-force attack simulation tool to test authentication robustness and logging effectiveness.

- **Admin Recon -**Reconnaissance tool designed for automated information gathering on target web applications.

- **Docker WordPress Setup -** Secured local WordPress deployment using Docker Compose, emphasizing container hardening and isolation.

- **Linux Command Maestro -** CLI-based educational game focused on teaching Linux commands and security best practices.

- **Poweroff Script -**Automation script to implement secure shutdown procedures on Linux systems.

- **Linux Mount Home -** Secure external storage mounting mechanism using custom Bash scripts for persistent home directory setup.