



KIRAN KUMAR K

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PROFESSIONAL SUMMAR

Junior Security Analyst with hands-on experience in Vulnerability Assessment and Penetration Testing (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 strengthen digital infrastructure and support enterprise compliance. Passionate about threat detection, incident response, and enterprise-level cybersecurity defense.

EXPERIENCE

Junior Security Analyst

Indian Institute of Science (IISc-DIGITS), Bangalore

Jul 2025 – Present

- Supporting enterprise-level security operations and compliance.
- Conducting VAPT on IISc applications and infrastructure.
- Monitoring, analyzing, and reporting anomalies in system/network logs.
- Collaborating with senior analysts to enhance institutional security posture.
- Assisting in policy enforcement and incident response.

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, and 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)

SKILLS

- Penetration Testing & VAPT
- Web Application Security
- Log Analysis & SIEM Tools (Splunk, ELK)
- 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

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.
- **Bruteforce** – 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.