

Krish Hadkar

Cyber Security

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SUMMARY

Computer and Electronics Engineering student specializing in Cybersecurity and AI/ML, with hands-on experience in ethical hacking, web application firewalls, phishing detection, and full-stack development.

EDUCATION

KJ Somaiya College Of Engineering - BTech, Computer Science and Electronics - GPA: 8.3 Aug 2022
K J Somaiya College Of Engineering - Minor, Cyber Security - GPA: 10.0 Aug 2022 - Present

EXPERIENCE

Red Team Analyst, DeepCytes Cyber Lab (UK), Mumbai, India Jun 2024 - Dec 2024

- Integrated tools into a botnet framework for advanced red teaming, tested kernel-level Android rootkits, and analyzed SMS/email bombing patterns in India to enhance countermeasure strategies.
- Engineered and automated reconnaissance tools (RustScan, Recon-ng) on a cloud platform, enabling on-demand scanning via IP/domain inputs. Developed **FloodReaper**, a stress-testing tool with IP hopping for ethical DDoS simulations.

VOLUNTEERING

Vice-Captain, Team Vision KJSCE, Mumbai, Maharashtra Sep 2024 — Present

-Organized India's first national **AR/VR hackathon** hosted by an engineering college, driving 500+ registrations, sponsor outreach (incl. Red Bull), and flawless execution.

-Led Team Vision's launch and AR/VR showcase at Abhiyantriki, focusing on educating and engaging students through interactive demos and community-driven awareness campaigns.

Volunteer, Seva Sahayog Foundation, Mumbai, Maharashtra Dec 2023 — Jan 2024

Assisted in raising awareness about cybercrimes and promoting preventive measures. Conducted Road Safety awareness training for local community and schools.

PROJECTS

CatchPhish (Finalist – Union Bank Hackathon 2025), [Link](#)

- Built a phishing detection system with 90% accuracy, featuring a browser add-on that blocks malicious sites in real time and reports them to CERTs and ISPs for rapid takedown
- Designed an AI engine to analyze site features, generate threat confidence scores, and deliver instant alerts, reducing risk exposure by 50%.

Web Application Firewall (WAF)

- Engineered a hybrid-database WAF with MySQL for rule management and MongoDB for real-time logging, enabling dynamic blocking of XSS, SQLi, and DDoS attacks.
- Developed a React-based dashboard to monitor request traffic, manage firewall rules, and visualize live attack patterns with intelligent threat categorization.

Women's Safety SOS App

- Developed an AI/ML-integrated Android application using Firebase to monitor user movement patterns and generate a personal safety map with deviation-based safety alerts.
- Engineered automated emergency protocols that notify nearby police and volunteers if users deviate 500m+ from routine paths without responding to safety prompts within a set timeframe.

SKILLS

Security	: VAPT, OSINT, Intrusion Detection, Digital Forensics, OWASP
Languages	: c/c++, Python, Java, JavaScript, MERN Stack, Assembly language
Hardware	: Networking, Arduino, Raspberry-Pi, PCB fabrication, IoT