Kaustubh **Rai**

✉ raikaustubh12@gmail.com

📞 **+91 8149791460**

🔗 **raikaustubh.me**

CSE undergrad with a strong interest in penetration testing, vulnerability analysis and network security. Dedicated to continual learning through training and daily practice in a home lab. Member of monthly meetups of NULL, OWASP, HTB discussing cyber threats and CTFs.

EXPERIENCE

TeachMeBro, *Content Creator*

DEC 2020 - PRESENT

Making videos on YouTube teaching people about CyberSecurity and solving CTF challenges

PROJECTS

URL SHORTENER — *Python, Telegram Bot*

A URL Shortener bot in telegram that shortens any link provided and returns a shortened link.

DAILY EXPENSE TRACKER — *HTML, CSS, PHP, MySQL, JS*

A Daily Expense Tracker using PHP and MySQL database, keeps records of daily, weekly, monthly and yearly expenses.

IMAGE AUTHENTICITY CHECKER — *Python, TensorFlow, KERAS*

A Machine Learning Verifier for images that checks if the image has any adulteration of filters to the image, along with a feature of verifying it with its GPS location.

CVEdB (Common Vulnerabilities and Exploits Database) — *L.A.M.P*

Explains the vulnerabilities, exploits and provides additional threat intelligence information like current risk levels and exploit price and a solution to how to prevent making the design flaw when developing a software for the vulnerability.

SECURITY TRAINING AND EXPERIENCE

Cybrary – Network Fundamentals, Comptia A+ 901AA, Comptia Network+

TryHackMe – Top 3 % of 800K users

Active Directory Home Lab – Home lab to practice Active Directory Attacks such as LLMNR poisoning, SMB relay and MITM attacks using IPV6.

SKILLS

Linux, Windows, Git, Metasploit, Burp Suite, Jupyter, Security Best Practices, VMware Management, OpenVPN Configuration

Python, PowerShell, Bash, SQL, JS

Heroku, Digital Ocean, AWS
SIEM

AWARDS

1st Place in CyberSecurity Hackathon, made an Automated Vulnerability Assessment using a Pi Device Remotely – *FCRIT CypherHack Security Hackathon*
164th position out of 400 teams in a 12 hour RESTCON CTF by RESETHACKER.

EDUCATION

ST . JOHN COLLEGE OF ENGINEERING AND TECHNOLOGY – *PALGHAR, MH*

JUNE 2022

B.E IN COMPUTER ENGINEERING