Kaustubh Rai

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, BSides discussing cyber threats and CTF

raikaustubh12@gmail.com ✉

+918149791460 📱

www.raikaustubh.me/ 🖥

linkedin.com/in/kaustubh-rai 🔗

EDUCATION

B.E - COMPUTER ENGINEERING
ST . JOHN COLLEGE OF ENGINEERING AND TECHNOLOGY

09/2017 - 05/2022   *Palghar*

WORK EXPERIENCE

Associate Application Engineer
ContentStack

07/2022 - Present
Achievements/Tasks

- Application Security and integrated different Security Workflows in CICD pipeline.
- Executed performance load tests and analyzed performance problems and presented findings to department heads along with any potential solutions.

Consultant
ContentStack

02/2022 - 07/2022
Achievements/Tasks

- Application Security, performed Code Security reviews and created SAST reports

Content Creator
TeachMeBro

12/2020 - 08/2021
Achievements/Tasks

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

SKILLS

Heroku, Digital Ocean, AWS, SIEM, SonarQube

Linux, Git, Docker, Kubernetes, Security Best Practices, VMware Management, Serverless, OpenVPN Configuration, Metasploit, Burp Suite

Python, PowerShell, Bash, NoSQL, JS

PERSONAL PROJECTS

CVEdB (Common Vulnerabilities and Exploits Database) — Django
- Explains vulnerabilities, exploits, how to mitigate them 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.

DAILY EXPENSE TRACKER — PHP, MySQL
- 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 ML 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

No_Contact_WhatsApp — AWS Lambda, Serverless, Python, Telegram Bot
- A Serverless Telegram bot on AWS Lambda that helps in messaging on Whatsapp without saving their contact.

SECURITY TRAINING AND EXPERIENCE

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

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

TCM Security
Practical Ethical Hacking

TryHackMe
Top 1 % of 1M+ users

ACHIEVEMENTS

164th position out of 400 teams
12 hour RESTCON CTF by RESETHACKER

1st Place in CypherHack Security Hackathon by FCRIT
made an Automated Vulnerability Assessment using a Pi Device Remotely