

# 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 discussing cyber threats and CTFs.

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## EXPERIENCE

### ContentStack, Consultant

FEB 2022 - PRESENT

Performance Engineer, security reviewing, load testing, querying, Mongo Spike.

### TeachMeBro, Content Creator

DEC 2020 - PRESENT

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

## SKILLS

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

Python, PowerShell, Bash, SQL, JS

Heroku, Digital Ocean, AWS  
SIEM

## PROJECTS

### 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.

### 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 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.

### CVEdB (Common Vulnerabilities and Exploits Database)

Explains 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.

## 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

## SECURITY TRAINING AND EXPERIENCE

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

**TryHackMe** - Top 3 % of 1M users

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