

# Saharsh Agrawal

Team player engineer with a strong user focus and an agile mindset. Have built several projects using various technologies. Endowed with great problem-solving and interpersonal skills. **Currently working as a Cyber Security Researcher at LoginSoft with hands-on experience in penetration testing** on client machines as well as their web applications and Network Security. Also, have an understanding of various vulnerabilities scopes.

saharshtapi@gmail.com

+9779804017415/+918826160465

linkedin.com/in/saharsh-agrawal-146b991b4

github.com/saharshtapi

saharshtapi.github.io

## WORK EXPERIENCE

### Security Research

LoginSoft

09/2021 - Present

#### Tasks

- Vulnerability Assessment and Penetration Testing.
- **Web Application Penetration Testing.**
- Finding Zero Days and publishing CVE.
- Found critical bugs including **SQL injection, XSS, CSRF misconfiguration, and Formula injection.**
- Source code analysis to find the vulnerable line of code.

### Cyber Security Intern

Andy Infosec

08/2020 - 09/2021

#### Tasks

- Performed Web penetration testing following OWASP web testing checklist.
- Tools like **BurpSuite, Wireshark, Nmap, Sqlmap and Metasploit** were used to perform the tasks.
- Found bugs such as **LFI, Malicious File upload, insufficient session expiration, Host header injection** and many more.
- Built two CTF's Hosted on tryhackme.
- Worked on building a penetration testing methodology.

### Research Intern

The Computer Noob

03/2021 - 04/2021

#### Tasks

- Research on Red Teaming
- Tools and Techniques in Red Teaming and getting started in Red Teaming

## ACHIEVEMENTS

### Published 8 CVEs

CVE-2022-2027, CVE-2022-2028, CVE-2022-2029, CVE-2022-2111  
CVE-2022-2514, CVE-2022-2122, CVE-2022-2026, CVE-2022-2113

### Top 1% in TryHackMe

[tryhackme.com/p/saharshtapi](https://tryhackme.com/p/saharshtapi)

### Motor Sports

Secured 3rd position in Nations Cup and Corporate Cup at Dubai Kartdrome Championship, Trained Formula 4 racer.

### Swimming Goenka Level '16

Represented G.D Goenka Public School in Cooch Behar Competed against schools all over West Bengal.

### Table Tennis Level National '17

Represented Delhi Public School, Mathura Road and competed against 21 teams Won 3rd prize

## EDUCATION

### Computer Science, B. Tech

Vellore Institute of Technology

08/2018 - 04/2022

Vellore, 8.89 CGPA

### CBSE 12th

Delhi Public School, Mathura Road

06/2016 - 04/2018

New Delhi, 81%

## PERSONAL PROJECTS

### Created Home Lab

- Technologies used: Raspberry pi, Docker, Portainer, Grafana, NAS, Transmission, Pi Hole, Plex Media Server

### Chocolate Factory CTF [ [tryhackme.com/jr/chocolatefactory](https://tryhackme.com/jr/chocolatefactory) ]

- CTF created and published on TryHackMe

### World Cup 2020 CTF [ [tryhackme.com/jr/worldcup2020ctf](https://tryhackme.com/jr/worldcup2020ctf) ]

- CTF created and published on TryHackMe

### Smart Parking System

- A web-based project which uses HTML, PHP, CSS, JS & MYSQL

### Buffer Overflow Script

- Created an automated script to perform buffer overflow attack using python and Bash script

## CERTIFICATES

### Certified Red Team Professional (CRTP)

Pentester Academy

### Certified Appsec Practitioner (CAP)

SecOps Group

### Linux Privilege Escalation

The Cyber Mentor

### Practical Ethical Hacking

The Cyber Mentor

### Cyber Warrior

Gautam Kumawat

## SKILLS

Web App Penetration Testing	BurpSuite	Nmap	Kali Linux
OWASP 10	Metasploit	Network Security	python
Docker	bash	Wireshark	VAPT
IPS/IDS	java	Access Management	C++
SIEM	Virtual Machine	DLP	SQL

## INTERSET

Formula 1	Swimming	Table Tennis	Travelling
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