

Gopika Subramanian

Education

- 2018-2022 **Bachelor in Technology in Computer Science Engineering**, Amrita School of Engineering, Amritapuri, .
CGPA: 7.13
- 2016 **12th, School, CBSE Syllabus**, Kendriya Vidyalaya , Kanjikode, Palakkad, .
CGPA: 8.4
- 2018 **10th, School, CBSE Syllabus**, Kendriya Vidyalaya , Kanjikode, Palakkad, .
CGPA: 10

Areas of Interest

Web Exploitation and Security
Cloud Computing
DevSecops
DBMS

Experience

- From 2021 Security consultant at Notsosecure
NotSoSecure part of Claranet cyber security
- 11/20-02/21 Security intern at Notsosecure *Supervised by Mr. Rohit Salecha*
- 2018-2021 Member of team bi0s *No. 1 CTF team in India*
Avid Capture the Flag Player of team bi0s, cybersecurity team of
Amrita Vishwa Vidyapeetham.
- 2018-2021 Member of team shakti *No. 1 Women CTF team in India*
Avid Capture the Flag Player of team shakti, women-only cybersecurity team
- 2018-2021 Organiser of InCTF International, InCTF , InCTF junior, BSides Delhi CTF,
CISCO Internal CTF, ABB Internal CTF and Shakticon

Technical Skills

Programming: C++, PHP, Python, JS, Bash	Platforms: Windows, GNU/Linux
Web: HTML, CSS, JavaScript	DBMS: MySQL, Postgresql
Tools: Burp Suite, Wireshark	Web Servers: Apache2, Nginx
CloudPlatform: AWS	Others: XML, LATEX, GIT

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CTF

- Rank 1 IJCTF 2020
- Rank 2 Byte Bandits CTF 2020
- Rank 2 ISITDTU CTF 2019 Finals
- Rank 3 ASIS CTF Quals 2019

Conference and Workshops

- 24/8/2019 Speaker, W-CS Security Con
Topic: "From Serialization to RCE"
- 18/10/2020 Speaker, Bsides Delhi Conference
Topic: "Quines: A self producig syndrome"
- 13/02/2021 Trainer, Shakticon workshop
Topic: "Introduction to Web Exploitation"

Scholarships

- 2019 Student scholarship to attend Black Hat Europe security conference
- 2020 Student scholarship to attend Troopers security conference, Heidelberg, Germany
- 2020 Student scholarship to attend Black hat USA security conference
- 2020 Student scholarship to attend Black hat Asia security conference
- 2020 Student scholarship to attend Indian Dutch Cybersecurity school
- 2021 Student scholarship to attend USENIX Enigma Conference
- 2021 Student scholarship to attend USENIX FAST Conference
- 2021 Student scholarship to attend USENIX NSDI Conference

Tools and Projects

OSINT Tool for effective policing: Ocellus (Django, GraphQL, typescript), An OSINT tool with which data can be easily accessed and analyzed.

Vulnapp (PHP, MySQL), Developed a vulnerable shopping cart application with challenges to learn about cutting-edge Web Exploitation and Security with Zero-login authentication System.

Onion site Inspector tool: Robotstxt (Python), Developed a stand alone, platform independant application for inspecting deep web URLs.

Customized CTF platform (Go, Graphql, MongoDB), Developed a highly scalable CTF platform for hosting CTFs and learning cybersecurity solutions.

References

Anirudh Anand (anirudhanand722@gmail.com) Security Analyst at CRED, India
Ashwin Shenoi (sashwinshenoi@gmail.com) Security Analyst at CRED, India
Rohit Salecha (rohit@notsosecure.com) Associate director at Notsosecure

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