

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
Network Security
DBMS
Cloud Computing

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*
- From 2018 Member of team bi0s *No. 1 CTF team in India*
Avid Capture the Flag Player of team bi0s, cybersecurity team of
Amrita Vishwa Vidyapeetham.
- From 2018 Member of team shakti *No. 1 Women CTF team in India*
Avid Capture the Flag Player of team shakti, women-only cybersecurity team
- From 2018 Organiser of InCTF International, InCTF , InCTF junior, BSides Delhi CTF,
CISCO Internal CTF, ABB Internal CTF and Shakticon

Technical Skills

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

CTF

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- 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 producing 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

Tools and Projects

OSINT Tool for effective policing: Ocellus (Django, GraphQL, typescript), An OSINT tool with which data can be easily accessed and analyzed which was selected top 15 in the Kerala Police Hack'P Hackathon.

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 independent 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

Aniketh Girish (anikethgireesh@gmail.com) PhD student at IMDEA Network security Institute, Spain.

Rohit Salecha (rohit@notsosecure.com) Associate director at Notsossecure Claranet

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