Gopika Subramanian

Security Consultant

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

DevSecops

DBMS

Experience

From 11/20   Security consultant at Notsosecure

NotSoSecure part of Claranet cyber security

11/20-02/21   Security intern at Notsosecure   *Supervised by Mr. Rohit Salecha*

From 06/18   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 06/18   Member of team shakti   *No. 1 Women CTF team in India*

Avid Capture the Flag Player of team shakti, women-only cybersecurity team

From 06/18   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:	Docker, 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

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

Scholarships

2021 Student scholarship to attend USENIX Enigma Conference
2021 Student scholarship to attend USENIX FAST Conference
2021 Student scholarship to attend USENIX NSDI 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
2019 Student scholarship to attend Black Hat Europe security 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

Geetha Ganesh (geetham@am.amrita.edu) Vice Chairperson, CSE Amrita School of Engineering, Amritapuri

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