

Education

- 2018-2022 **Bachelor in Technology in Computer Science Engineering**, *Amrita School of Engineering*, Amritapuri CGPA: 7.13
- 2006-2018 **School, CBSE Syllabus**, *Kendriya Vidyalaya*, Kanjikode, Palakkad CGPA: 10

Experience

From 04/22 **Security engineer at PhonePe**

Exploiting security vulnerabilities on PhonePe Android and Web applications for

- Insurance (Lead)
- Mutual Funds (Lead)
- Stock Broking
- Lending

Work effectively with the engineering teams to provide:

- Technical risk assessments
- Threat modelling
- PRD reviews
- Code reviews
- Third Party Integrations Security assessments

Security Automation - Developing Automated security solutions for Assets discovered, new Mergers and Acquisitions and TPRM

Security Evangelization - conducted internal CTFs, developer training sessions and created training courses for PhonePe university certification

11/20-02/22 **Security consultant at Notsosecure**, part of Claranet cyber security

Web Application and API penetration testing

Created DevSecOps labs for Claranet security training

11/21-02/22 **Security consultant at Rapid7**, *Part-Time*

Web Application penetration testing

Reporting

Vulnerability Assessment

04/21-10/21 **Security consultant at Sec-1**, *Part-Time*

Web Application penetration testing

Reporting

Vulnerability Assessment

Bangalore – 560103 – India

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From 09/21 **WiCys Mentor**

Entry-Level mentor in the Women in Cyber security Mentor-Mentee program

06/18-02/21 **Member of team bi0s**

No. 1 CTF team in India

Organiser of InCTFi, InCTFj, BSides Delhi, CISCO Internal CTF, Shakticon

06/18-02/21 **Member of team shakti**

No. 1 Women CTF team in India

Actively participate in CTF competitions

Technical Skills

Programming: Python, PHP, C++, JS

Platforms: GNU/Linux, Windows

Automation: Python

Frameworks: FastAPI, Flask

Conference and Workshops

2023 **Trainer, Bsides Singapore**, *Secure Coding*

2023 **Speaker, Nullcon Goa**, *Secure Coding: Fix from root*

2023 **Speaker, SeaGL Seattle**, *Introduction to DevSecOps*

2023 **Speaker, Hacklu Luxembourg**, *Secure Coding: Fix from root*

2021 **Trainer, Shakticon India**, *Introduction to Web Exploitation*

2020 **Speaker, Bsides Delhi**, *Quines: A self producig syndrome*

2020 **Trainer, Vidyut Multi-Fest India**, *Introduction to CTF and Web Securty*

2019 **Speaker, W-CS Security Con Bangalore**, *From Serialization to RCE*

Certification

GFACT

GSEC

Scholarships and Honours

Google, Bloomberg, Facebook [2021]

SANS Institute GIAC [2021]

Wicys Denver, Wicys Cleveland [2021]

USENIX NSDI, FAST and Enigma [2021]

BlackHat USA, BlackHat Asia [2020]

Indian-Dutch Cybersecurity school [2020]

BlackHat Europe [2019]

Areas of Interest

Web Security

Mobile Security

DevsecOps

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