

ABOUT

A web application security enthusiast currently pursuing B.Tech in Computer Science. An avid CTF player with a passion to learn new stuff.

EDUCATION

Amrita Vishwa Vidyapeetham, B.Tech CSE GPA: 8.66	Amritapuri, Kerala 2018–Current
Jeevana International School, Class 12 Tamil Nadu State Board GPA: 9.06	Madurai, Tamilnadu 2018
Jeevana International School, Class 10 ICSE GPA: 8.60	Madurai, Tamilnadu 2016

LEARNING EXPERIENCE

Team bi0s member Team bi0s is a CTF team of Amrita Vishwa Vidyapeetham currently ranking 1st in India for the last four years and among top 25 worldwide as of 2019(ranked by ctftime.org)	Amritapuri, Kerala 2019 - current
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SKILLS

- **Languages:** Python, PHP, Javascript, Golang, Bash, React
- **Databases:** MySQL, PostgreSQL, SQLite, Mongo
- **Server Side Runtime Environments:** GraphQL, NodeJS
- **Platforms:** Windows, Linux
- **Developer Tools:** Git, Docker, Google Cloud Platform, Amazon Web Services, Burpsuite, VSCode

PROJECTS

Pandora CTF Framework Golang GraphQL Mongo React Lead developer of Pandora Capture-The-Flag Framework, which focuses on easy management, scalability and deployment for any CTF. Was successfully used for India's largest cybersecurity competition for school students, InCTFj	2020-Ongoing
Web-Exploitation Challenges Authored several challenges on Web-exploitation for CTF competitions organized by TeamBi0s and for Traboda, a Cybersecurity Edutech from team bi0s and amFOSS.	2020-Ongoing

File Uploader using Microservices

2020

Golang | Python | Kubernetes

Developed as a part of cloud computing course. This platform had microservices that performed different tasks like registration, login, mailer, file uploader and downloader, and a gateway that connected these components and served html. The application was dockerized and deployed into Kubernetes successfully on Google Cloud Platform.

TCP Dumper

2020

Python Flask | Networking

This tool can be used in AD ctfs for easily setting up packet captures.

Taxi-Sharity

2019

Java

This desktop app, built using Java, can be used to connect people, taxi-drivers to efficiently carpool and save resources

VULNERABILITY DISCLOSURES

Webmin

January 2021

XSS

Submitted a bug which exploits Reflected XSS in the admin panel.

Indeed.com

December 2020

Undisclosed

Submitted three P4 rated bugs

Twitter.com

November 2020

Undisclosed

Submitted a bug classified as informational.

TECHNICAL ACHIEVEMENTS

DarkCTF, *First place*

September 2020

Team bi0s

Solved all the web challenges in this CTF hosted by Team Darkarmy

Byte Bandits CTF, *Runner-up*

April 2020

Team bi0s

Solved challenges based on SQLi and XSS. CTF was hosted by IIT Indore's academic CTF team.

IJCTF 2020, *First Place*

April 2020

Team bi0s

Solved all the web challenges in this CTF. CTF was hosted by the team warlock_rootx.

EVENTS

InCTFj 5.0

December 2020

Management team

InCTFj 5.0, had 1500 registrations and for the first time, was held online and I was responsible for maintaining the platform, that we used to conduct the competition for high school students.

Management Team | Challenge Author

Authored a Challenge 'XQLi' based on xss, sqli and docker-ssrf in which the participant had to exploit this application to get the flag. The challenge had 3 solves by the time CTF concluded.

COMMUNITY PROJECTS

- Seminar for high school students 2019
Held a seminar for high school students on the use and misuse of technology and how to keep ourselves safe from people who misuse technology.

LANGUAGES

- **English:** Advanced
- **Tamil:** Fluent/Native
- **Malayalam:** Intermediate
- **Hindi:** Beginner
- **Japanese:** Beginner
- **French:** Beginner