

Andhra Pradesh , India



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## PROFILE

A Cyber Security Enthusiast who loves to play around with ELFs . Motivated and enthusiastic communicator , always ready to learn new things and fascinated by how things work.

## EDUCATION

### AMRITA VISHWA VIDYAPEETHAM

2018-Present/Kerala

- Bachelor of Technology in Computer Science and Engineering , Current CGPA : 9.2

### NARAYANA JUNIOR COLLEGE

2016-2018/Andhra Pradesh

- Andhra Pradesh Board Of Intermediate Education , Percentage Obtained : 96%

### DR. KLP PUBLIC SCHOOL

2015-2016/Andhra Pradesh

- Central Board Of Secondary Education , Matriculation , CGPA Obtained : 10.0

## AREAS OF INTEREST

- Linux based Application Vulnerability Research
- Binary Analysis
- Linux Kernel Exploitation

## EXPERIENCE

### MEMBER OF TEAM BIOS, CTF TEAM, AMRITA UNIVERSITY ,AMRITAPURI

2018-Present

TOP RANKED TEAM IN INDIA FOR THE PAST THREE YEARS, AS PER CTFTIME

### BINARY EXPLOITATION

Present

FOCUS ON SECURITY OF ELF EXECUTABLES AND IN CHARGE OF DETECTING AND EXPLOITING VULNERABILITIES IN BINARY CODE

### DEPLOYMENT OF CHALLENGE ARCHIVE

2020

[Link](#)

ONE STEP DEPLOYMENT OF CHALLENGES USING NSJAIL AND DOCKER

### INCTF INTERNATIONAL

2020

[Source](#)

CHALLENGE AUTHOR IN THE FIELD OF BINARY EXPLOITATION

### HANDS ON TRAINING FOR SCHOOL AND COLLEGE STUDENTS IN BINARY EXPLOITATION

2019

## PROJECTS

### FPANALYZE - AID EXPLOITATION WITH AUTOMATED ANALYSIS

2020

[Source](#)

A TOOL TO DYNAMICALLY DETECT FUNCTION POINTERS IN LINUX BASED ELF BINARIES

## SKILLS

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**PROGRAMMING LANGUAGES** *Experienced:* C | Python *Familiar:* Bash | Java  
**TOOLS** GDB (peda) | IDA | radare | Ghidra | VirtualBox | Docker | nsjail | vmware  
**FRAMEWORKS & LIBRARIES** Pwntools  
**LANGUAGES** *Native:* Marathi *Fluent:* English | Hindi | Telugu *Novice:* Malayalam