

Rahulkrishnan Ravindran

Ph.no : +91 8553368452

Email : rahulkrishnan507@gmail.com

Github : [RRahulKrishnan](#)

Linkedin : [Rahulkrishnanravindran](#)

EDUCATION

Vydehi School of Excellence, Bengaluru — 10th CBSE

May 2019 - 87.4%

Narayana Junior College, Thane — 12th HSC

Sept 2021 - 94.33%

Amrita School of Engineering, Amritapuri — BTech

2021 - 2024 - 8.43 (Current CGPA)

ACADEMIC PROJECTS

HydrationCheck(Smart water bottle) — Individual

Created a smart water bottle using an ESP-32 microprocessor module and an SMTP notification system that evaluates a person's typical fluid intake and also prompts the user to drink water. It is encoded and equipped with an rtc module for collecting statistics on fluid intake and refill times.

LAMP Stack — Individual

Developed as a fully working website. It has a frontend and backend that gathers, manages, and stores the user's data in a protected format. An intriguing key feature supported by the website is user authentication.

Smart dustbin — Group

An arduino uno microprocessor was used to create a smart dustbin that uses a GSM module to analyze when the waste in the bin has been filled and sends a notification to the user when the storage threshold has been reached. A PIR sensor is also used to open the dustbin automatically when the user is within the designated proximity.

Capture the flag and hackathons — Team bios

Actively participated in capture the flag competitions and hackathons. Modularized and solved the problems, while attempting to retrieve data in the form of a flag from the host. Some of the CTF's that I attended are Cybergrabs, Inctfj, Inctf, Devctf, Bsidessf, etc.

Hackathons — Individual

- Participated in the 8th hacktober fest organized by digital ocean.
- Participated and successfully solved all the challenges in Google prompt.ml xss exploitation.
- Constructed payloads for database injection based on SQLI, Bandit and Natas Over the wire challenges.

CAREER OBJECTIVE

Looking for an internship programme in a company where I could learn under working professionals to gain knowledge and improve my technical and interpersonal skills. I am a highly motivated and result-oriented team player with a keen interest in the field of Cryptography, Web Security, Web development and IOT.

CORE COMPETENCIES

- Oral & Written Communication
- Ability to Learn Quickly
- Team Work
- Time Management

TECHNICAL SKILLS

Languages: Python, C, Javascript, CSS, PHP.

Operating system: Windows, Ubuntu, Kali Linux, Mac OS.

Database: MySQL, pgAdmin4.

Web Technologies: Html, LAMP stack.

Security Exploitation tools: GHex, WebHook, WireShark, Burp Suite, SQLmap, Nmap.

Flipkart 4.0 — Group

Participated in the Flipkart Grid 4.0 Software Development challenge as a part of the duo team, where we learned more about non-fungible tokens and how to integrate them with e-commerce applications, also used Unity to create a simple VR design.

Creating online CTF's — Team bios

Designed challenges for Inctfj and the online learning platform 'Traboda', which involved cookie and data exploitation from a generated instance during the ctf competition. This was made possible by the active participation in the Cyber Security Team at bios.

PERSONAL DETAILS

Date of Birth: 22 February 2003

Languages known: English, Hindi, Malayalam, Tamil.