# RITHESH S

Software Developer by Day, Sysadmin for fun and pentester as an hobbyist

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#### Awards

PECAN+

PECAN+, IIT PALS, ECU

March 5 2024

secured 1st prize

Cyber-Security hackathon

#### PENTATHON 2025

NCIIPC

**MAY 2025** 

Capture The Flag My team secured a position inside the top 18.

#### PENTATHON 2024

AICTE, NCIIPC, MoE (Ministry of Education)

### April 2024

Capture The Flag My team secured a position inside the top 10.

## Participated in PECHACKS conducted by MLH, Devfolio etc.,

Major League Hacking

#### Hackoverflow3 - 24 hours hackathon

Rajalakshmi Engineering College

Participant

# **Interests**

# Open Source

LINUX, GNU, Have contributed to open source softwares

## NOVELS (Agatha Christie, Sherlock Holmes, Shadow Hunters)

## PROGRAMMING CHALLENGES

LEETCODE, CODECHEF, HACKERRANK

## Self Hosting

Jellyfin, navidrome, vaultwarden

# in rithesh-s

**Profiles** 

- Summary
  - **Technical Skills**: Linux, Open Source, Rust, Python, Networking, Server Management, Bash, Command Line
  - **Soft Skills**: Leadership, Project Management, Team Coordination, Problem-Solving, Communication
    - Presented workshop on Linux to a audience of 40 people
    - Presented Cyber security Awareness seminar to a audience of 80 people

### Experience

### rtCamp

JANUARY 2025 - PRESENT

Software Engineer

remote

Chennai

**Crossbow labs** 

https://rtcamp.com/

Cybersecurity Analyst Intern

July 2024 - August 2024

https://cbl.world/

- Learnt penetration testing
- learnt to write write ups for those tests
- lots of cool stuff

#### Kuruntham internation

02/01/2023 - 12/01/2023

Intern as DevOps Engineer

- https://kuruntham.com
- Made an Virtual Private Cloud using privtunnel and digital ocean droplets.
- Wrote documentation for it.
- **Used Pritunl**
- Wrote firewall to drop outside packets.

### **Projects**

#### **REC COMPANION APP**

- https://github.com/DevsREC/rec\_comapnion
- A Progressive Web Application made to make the life of college student simpler by having all the contents they might need, such as internal marks, grades, time table, map etc,. in a single spot
- Flask as backend
- React as frontend
- Runs inside Docker
- API switching using ngnix inside docker

application, website, docker, react, python, flask

#### SwiftPay

project we did as a team in PEC hacks. A 36 hour hackathon conducted with the support of Devfolio, MLH and other sponsors

- https://raxen001.github.io/projects/pechacks/pechacks/, https://github.com/Raxen001/maincharacters-backend
- Cryptocurrency to fiat currency conversion
- raspberry pi connection using sockets
- uses MongoDB and PostgreSQL
- contributed by setting up and maintaining databases
- contributed by making mock bank database •
- Flask, node Back-end
- react, react native Front-end

PEChacks, hackathon, Major League Hacking, Devfolio

# Hackoverflow

project done in a 24 hour hackathon at my college. CRUD application with end to end encryption and custom made otp login.

- Made custom Oauth2 OTP login
- Used google mail service to send mail
- Flask Backend

hackathon

# Cybersecurity

Ethical hacking projects

React - Frontend

- Compromised my college's id card database using sql injection
- pwned my college's CCTV infrastructure using vulnerable exploit
- enumeration attack to get all information from college main database

# **Education**

### RAJALAKSHMI ENGINEERING COLLEGE INFORMATION TECHNOLOGY

06/11/2021 - 01/05/2025 **B.TECH** 

CGPA 7.81

https://www.rajalakshmi.org/

- Project Head | Dev's Rec College Club
  - Key Achievements:
    - Led a team of developers in creating innovative software solutions. • Managed end-to-end project cycles, from conception to
    - Organized workshops and seminars to promote knowledge sharing and skill development among club members.

# Certifications

### Salesforce Developer Virtual Internship **Smart Internz**

deployment.

[view]

(https://smartinternz.com/internships/salesforce\_certificates/65ccb53aa24b55b148d55403321384ec)

# Click below view all my certificates

https://drive.google.com/drive/folders/1C9rMmOCPCJdQKtFcvx-nebsyxcQ-ILp3?usp=sharing

Volunteering

# Rajalakshmi Engineering College

Website team lead

- https://recit2025.github.io/innovision23/
- Was the Team Lead in creating our department symposium website