RITHESH S

Experienced System Architect with Expertise in Linux, Open Source, and Advanced Programming

- Ochennai
- **9994485881**
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- https://raxen001.github.io

Interests

OPEN SOURCE

LINUX, GNU, Have contributed to open source softwares

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

PROGRAMMING CHALLENGES

LEETCODE, CODECHEF, HACKERRANK

Awards

GitSetGo

Participated in PECHACKS conducted by MLH, Devfolio etc.,

Major League Hacking

Tech Gladiator Semi Finalist

TechGladiator

PECAN+

PECAN+ IIT PALS

March 5 2024

Finalist

Hackoverflow3 - 24 hours

hackathon

Rajalakshmi Engineering College

Participant

Paper Presentation

Saveetha Engineering College

2nd Prize

References

MANIC Internship mentor

Experience in creating VPC routing without AWS and creating a private cloud using Pritunl.

Skills

Rust

Python

Linux

kubernetes, devops, ubuntu, server, docker, ngnix, vim

COMPUTER NETWORKS

Web-dev

HTML5, CSS3, JavaScript, NodeJS, MongoDB, MariaDB

Docker

Languages

ENGLISH

TAMIL

Profiles

in rithesh-s Linkedin

Summary Technical Skills: Linux, Open Source, Rust, Python, Networking,

- Soft Skills: Leadership, Project Management, Team Coordination, Problem-Solving, Communication
 - Took workshop on Linux to a audience of 40 people
 - Took Cyber security Awareness seminar to a audience of 80 people

Projects

REC COMPANION APP

companion app

https://github.com/DevsREC/rec_comapnion

Server Management, Bash, Command Line

- An 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
- React Frontend

hackathon

Projects

list of my projects

https://raxen001.github.io/projects/

CRUD app

Employee management system

https://github.com/Raxen001/learning_react

Cybersecurity

Ethical hacking projects

- 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

GPA 7.7

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

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

Certifications Salesforce Developer Virtual Internship

Smart Internz

[view]

Kuruntham internation

(https://smartinternz.com/internships/salesforce_certificates/65ccb53aa24b55b148d55403321384ec)

02/01/2023 - 12/01/2023

Experience

INTERN DEVOPS

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.

Volunteering

Rajalakshmi Engineering College

Website team lead

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