

RITHESH S

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

chennai

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https://raxen001.github.io

Awards

PECAN+

PECAN+, IIT PALS, ECU

March 5 2024

1st prize

GitSetGo

Department of CSBS Rajalakshmi Engineering College

BugBusters

Department of CSBS Rajalakshmi Engineering College

1st prize

Participated in PECHACKS conducted by MLH, Devfolio etc.,

Major League Hacking

Hackoverflow3 - 24 hours hackathon

Rajalakshmi Engineering College

Participant

References

MANIC

Internship mentor

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

Interests

OPEN SOURCE

LINUX, GNU, Have contributed to open source softwares

NOVELS ( Agatha Christie, Sherlock Holmes, Shadow Hunters)

PROGRAMMING CHALLENGES

LEETCODE, CODECHEF, HACKERRANK

Profiles

in

rithesh-s

Linkedin

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

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 ngxin 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

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

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 deployment.

Organized workshops and seminars to promote knowledge sharing and skill development among club members.

06/11/2021 - 01/05/2025

B.TECH

Certifications

Salesforce Developer Virtual Internship

Smart Internz

[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

Experience

Kuruntham internation

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.

02/01/2023 - 12/01/2023

Volunteering

Rajalakshmi Engineering College

Website team lead

https://recit2025.github.io/innovision23/

Was the Team Lead in creating our department symposium website