

ABHINAV M

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WORK EXPERIENCE

Network Support Intern

Oct 2023 - Feb 2024

Dept Of IT, Ahalia Hospitals | Palakkad, India

- Diagnosing and resolving a variety of network issues to ensure seamless connectivity and optimal performance.
- Contributed significantly to the enhancement of overall network efficiency by configuring and maintaining network devices, such as routers, switches, and firewalls.
- Proficient in diagnosing and replacing faulty components, such as RAM modules, hard drives, motherboards, and power supplies, to restore hardware functionality.

CERTIFICATIONS

CERTIFIED PENETRATION TESTER (CPT)- RedTeam Hacker Academy

[View credentials](#)

- Conducted thorough vulnerability assessments on diverse web application systems and networks to identify potential security weaknesses.
- Demonstrated advanced proficiency in utilizing penetration testing tools including Metasploit, Burp Suite, Nmap.
- Generated detailed penetration test reports, providing clear documentation of findings, risks, and recommended remediation steps.

PROJECTS

SIMPLE CALCULATOR

[View in GitHub](#)

- **Language/Technology: Python & Tkinter**
- The program is written in Python, utilizing the Tkinter library for the graphical user interface (GUI) components.
- This is a simple calculator application which allows users to perform basic arithmetic operations such as addition, subtraction, multiplication, and division.

CAESAR CIPHER ENCRYPTION

[View in GitHub](#)

- **Language/Technology: Python**
- This Python program allows you to encrypt and decrypt messages using the Caesar cipher algorithm with a specified key.
- Caesar Cipher is a classical substitution cipher that shifts letters by a fixed number of positions in the alphabet.

PASSWORD MANAGER

[View in GitHub](#)

- **Language/Technology: Python, Tkinter & SQLite**
- This simple Password Manager application written in Python, featuring a Tkinter GUI for intuitive interaction and SQLite which securely stores, generates, and manages passwords, ensuring persistent and secure data storage between sessions.
- The application provides enhanced user security through the generation of strong and random passwords, while also offering flexibility and control through features allowing users to reset the database and remove stored passwords.

EDUCATION

Bachelor of Technology (B. Tech.) – Computer Science

Ahalia School Of Engineering & Technology, Palakkad
APJ Abdul Kalam Technological University (India)

2020 – 2024

SKILLS

Languages: C, Java, Python, Bash

Technologies & Concepts: Windows, Kali Linux, Security Tools [Metasploit, Nmap, Burp Suite, Wireshark], OWASP Top 10, Web Application Penetration Testing , Network Security, Vulnerability Assessment, Security Risk Analysis