ADARSHA.P

Tech enthusiast

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PROJECTS

Marketing Website

RK Decorators

📅 July 2023-Aug 2023

- Built a website using HTML, CSS, and javascript for a company named RK Decorators that takes up decoration services for various occasions and ceremonies.

Real-time Drowsiness Detection Model using CNN

CMR University

📅 April 2024-May 2024

- Built an AI model that detects drowsiness in a person based on his eyes and facial expression. It is a real-time model that uses a webcam or a local camera to monitor the face of the user and notify if drowsy

Get Grub, a food ordering website.

CMR University

📅 May 2024-Jun 2024

- Built a website named get grub, a food ordering website for the college canteen using HTML, CSS, javascript, PHP, and phpmyadmin to reduce the crowd in the canteen counters during breaks and lunch hours.

Projects on GitHub

GitHub

📅 Aug 2024

- Built an encryptor and decryptor that uses bit by bit XOR operation with the data and the key and stores it in the form of base64 encoding.
- Built a key-logger using tesseract-OCR that gets triggered when a login page is detected and sends the captured login information over a socket network. It uses a custom-made XOR encryption to prevent sniffing attacks.
- Bui;t a Python-based backdoor designed for remote control over a victim's machine, featuring a terminal interface styled to mimic the look and feel of Kali Linux. This tool offers a variety of features to manage and monitor the system from a distance, ranging from capturing webcam images to running Python scripts and accessing the terminal on the victim's machine.
- Built a Russian-Roulette-inspired multiplayer game in which players take turns testing their luck. If playing on a virtual machine, loser's Master Boot Record gets overwritten.
- Built a Minesweeper game with multiple difficulty levels using HTML, CSS and JavaScript.

CERTIFICATIONS

Marketing Website.

RK Decorators

- Consultancy project completion certificate.

Machine Learning Course completion.

IBM

- IBM Machine Learning using python and W3Schools.

Ethical Hacking Completion.
NPTEL

- Ethical hacking course completion from NPTEL.

Hack-War Contest.
CMRU

- Participation in hack-war contests at CMRU.

TECHNICAL SKILLS

Programming Languages
Proficient in Python, java, c and javascript

Web Development
Proficient in HTML, CSS, PHP, and JavaScript. Skilled in libraries and frameworks like React.js, Node.js, Express.js, and JWT, with experience using tools like WordPress, phpMyAdmin and postman.

Cyber Security
Exploring techniques to assess security vulnerabilities.

Ethical Hacking.
Well-versed in Kali Linux and its tools. Built hacking tools using Python. Currently working on various antivirus bypass methods.

STRENGTHS

Hard-working   Determined   Problem Solving   Persuasive

Motivator & Leader

Communication   Leadership   Adaptability & Flexibility

LANGUAGES

English
Kannada
Hindi

EDUCATION

B.Tech in Computer s-Science and Engineering
CMR University
📅 2021 - 2025

Senior Secondary XII
St Joseph's Pre-University College
📅 2019-2021