

ADARSH S RAI

MALE, 22 YRS

7349346523, raiadarsh829@gmail.com

EDUCATION

Information Science and Engineering	2019-2023	NMAM Institute of Technology	6.35 CGPA
Class XII / 2 nd PU	2017-2019	Vikas PU College	79.8%
Class X / SSLC	2016-2017	Mandara Jnadayini School	8.6 CGPA

INTERNSHIP

Web Development Intern – Exposys Data Labs

- The Mass Mail Dispatcher Project is a web development project that allows users to send a large number of emails to multiple recipients at once.
- It automates the process of sending emails, making it faster and more efficient.
- Users can input the email content, select the recipients, and the system will handle the distribution of the emails to all the recipient.

PROJECTS

Deep Steganography using STEGANOGAN

- Image Steganography using GAN is a project that involves hiding secret information within an image using a technique called steganography.
- The project uses Generative Adversarial Networks (GAN), which are advanced machine learning models, to encode the secret information into the image in a way that is not easily detectable.
- The goal is to create a system that can securely transmit sensitive data by embedding it within images, making it difficult for unauthorized individuals to notice or access the hidden information.

Image Deblurring using GAN

- Image Deblurring with GAN is a project focused on restoring clarity to blurred images using Generative Adversarial Networks (GAN), a sophisticated machine learning approach.
- The project utilizes GAN to generate realistic, high-resolution images from blurry inputs, employing adversarial, perceptual, and content losses to refine the deblurring process.
- The goal is to develop a robust system capable of effectively removing various types of image blur, enhancing visual quality for applications such as photography and medical imaging.

Sorting Visualizer

- Developed a web application as a visualization tool that provides a visual representation of how various sorting algorithms like Selection sort, Insertion sort, Bubble sort, Merge sort, Quick sort and Merge sort operates.

Patient Database Management

- Developed a Patient Database Management project using SQL that keeps track of information about patients in a hospital or clinic.
- It helps doctors and nurses store and access patient details easily, like their personal information, medical history, and treatments.

Student Database Management

- Student Database Management in SQL involves organizing and manipulating student-related data using the SQL programming language.

CERTIFIED COURSES

- Advanced Embedded System August – Present
(Pursuing in Emertxe – 6 month (offline))
- C Program with Linux Specialization
(By COURSERA, 2023 – 4 month)
- Penetration Tester
(By TryHackMe, 2022- 2 month)
- Hands – on Android Security
(By Alison, 2022 – 1 month)
- Learn Ethical Hacking form Scratch
(By Udemy, 2021 – 2 month)
- Introduction to Cyber Security
(By Cisco, 2021 – 1 month)
- JavaScript Introduction
(By Edx, 2020 – 1 month)

POSITIONS OF RESPONSIBILITY

- **Team Lead:** Guided a team of 3 in a college project on Deep Steganography using SteganoGAN, demonstrating leadership and teamwork.
- **Team Lead:** Directed a collaborative effort with a team of four on a personal project, implementing Image Deblurring using GANs and achieving successful project outcomes.
- **Cybersecurity Intern:** Executed penetration testing exercises on Dockerized environments, including DVWA and Mutillidae, to identify and remediate vulnerabilities, contributing to the enhancement of overall system security.
- **Web development Intern: Played** a key role in coding and refining website features, employing HTML, CSS, JavaScript, and version control systems to enhance overall functionality and user experience.

EXTRA - CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- **Event Head and MC:** For a fitness event called “DESAFIO”.
- **Coordinator of Discipline Committee:** For the college fest “INCRIDEA”.
- **Core Committee Member:** For college fest at Vikas PU College.
- Won 1st place in “DESAFIO” fitness event.
- Participated in Volleyball Chunchadri cup match.

TECHNICAL SKILLS: C, Linux, Shell Scripting, Data Structures, Python, Machine Learning.

HOBBIES: Working out, Travelling, Listening to Music.