Manish J Rai

Roll No.: 4SF21IS043
Bachelor of Engineering
Information Science & Engineering
Sahyadri College Of Engineering & Management, Mangalore

+91-7338091893
mrai263407@gmail.com
manishj.is21@sahyadri.edu.in
GitHub Profile
LinkedIn Profile

Education

•Sahyadri College of Engineering & Management, Mangalore *2021-25*
Information Science & Engineering CGPA/Percentage: 6.8

•Vivekananda Pre-University College, Puttur *2021*
Department of Pre-University Education, Karnataka CGPA/Percentage: 64

•Sri Ramakunjashwera English Medium High School *2019*
Karnataka Secondary Education Examination Board, Karnataka CGPA/Percentage: 79

Experience

•COE Digital Forensics Intelligence & Cyber Security *October 2023*
Student Intern Mangalore

- To address the problem of detecting malware in images using the Convolutional Neural Network (CNN) architecture in Google Colab.
- Data Preprocessing: This crucial step involves resizing, normalizing, and optimizing the images to ensure consistency and enhance the model's performance.
- Model Training: After designing the CNN model, you train it using the preprocessed data.

Projects

•Intrusion Detection and Prevention using SNORT and Proxy server *Dec 2024*
Intrusion Detection and Prevention using SNORT and Proxy Server

- Deployed a secure web hosting environment on AWS EC2 Instance, integrating NGINX as a proxy server for efficient request handling and traffic distribution.
- Implementing SNORT as a real-time intrusion detection and prevention tool to monitor, log, and respond to potential security threats within the network.

•HOME EASE SYSTEM DATABASE MANAGEMENT *March 2024*
The system can manage and store the data related to the services offered, customer, serivce providers & booking.

- Tools & technologies used: HTML, MySql
- Home services providers typically have a team of skilled technicians and professionals who can handle various types of projects, both big and small.

•Face detection and recognition using opencv *July 2024*
The project develops a face detection and recognition system using OpenCV and Python.

- Tools & technologies used: Python,OpenCV
- The project is about developing a robust face detection and recognition system using OpenCV and Python, demonstrating AI-driven capabilities for accurately matching faces in images.

Technical Skills and Interests

Languages: C programming, Java
Developer Tools: VS code, Git
Cloud/Databases: MySQL
Coursework: Database Management (SQL queries)
Soft Skills: Leadership, Problem Solving,Good Listener

Certificates/Achievements

•Introduction to Generative AI: GoogleCloud *Feb 2023*

•Cryptography in IT Security and Hacking,Network Security: Infosys Springboard *July 2024*

Positions of Responsibility

- **Member**, National Service Scheme