



Raksha

Roll No.: 4SF21IS071

B.E

Information Science & Engineering

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🐙 GitHub Profile

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EDUCATION

- **Sahyadri College of Engineering & Management, Mangalore** 2021-2025
B.E in Information Science & Engineering CGPA: 8.7
- **St Aloysius College, Mangalore** 2021
Department of Pre-University Education, Karnataka Percentage: 89
- **Ladyhill Victoria Highschool, Mangalore** 2019
Karnataka Secondary Education Examination Board, Karnataka Percentage: 89.92

EXPERIENCE

- **Accolade Tech Solutions** Oct 2023-Nov 2023
Student Intern Mangalore
 - Developed a web-based application using Gradio in Python, integrating the ChatGPT API to convert user speech into movie role scripts.
 - Developed and integrated a voice transcription feature into the scriptwriting application, converting audio input into formatted screenplay text and reducing manual editing time by 40%, enhancing overall script efficiency.

PERSONAL PROJECTS

- **Phishing URL Detection using Machine Learning**
Developed a machine learning system for detecting phishing URLs using SVM, Random Forest, and Gradient Boosting, achieving real-time classification.
 - Tools & technologies used: Python, Scikit-learn, TensorFlow, Pandas, NumPy, PyCharm, Flask.
 - The system takes URLs as input and outputs a classification indicating whether each URL is phishing or legitimate.
- **Face Recognition using OpenCV and ONNX Models**
Built a face recognition system with OpenCV and ONNX for Aadhaar image comparison.
 - Tools & technologies used: Python, OpenCV, ONNX, NumPy, argparse
 - The system takes reference and query images as input, detects faces, aligns and extracts features, and compares them to determine if they belong to the same identity.
- **Diary Farm Shop Management System**
It is a web based application designed to streamline and automate the workflow of diary shop
 - Tools & technologies used: HTML, CSS, PHP, MySQL
 - The System Optimizes the efficiency, accuracy and productivity of diary farm shop management, facilitating streamlined operations and improved resource allocation

TECHNICAL SKILLS AND INTERESTS

Languages: C, Cpp, Java, Python

Developer Tools: VS code, Git

Cloud/Databases: MySQL, Google cloud platform

Soft Skills: Leadership, Problem Solving

Coursework: Web Development (HTML, CSS, JS)

Areas of Interest: CyberSecurity (Networking)

CERTIFICATIONS

- **Python Fundamentals for Beginners** Great Learning Apr 2023
- **Operating System Fundamentals** NPTEL Jul-Oct 2023
- **Network Security** Infosys Springboard May 9, 2024

POSITIONS OF RESPONSIBILITY

- **NSS Volunteer**, National Service Scheme Mar 2023