

Raksha

Roll No.: 4SF21IS071

B.E

Information Science & Engineering

Sahyadri College of Engineering & Management,

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🐙 GitHub Profile

🌐 LinkedIn Profile

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 SecurityInfosys Springboard

May 9,2024

POSITIONS OF RESPONSIBILITY

•NSS Volunteer, National Service Scheme

Mar 2023