



## Karunya

Roll No.: 4SF21AD023

Bachelor of Engineering

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and Management

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## EDUCATION

### •Sahyadri College of Engineering and Management, Adyar

2021-25

Bachelor of Engineering in Artificial Intelligence and Data Science

CGPA: 8.5

### •Chattanchal higher secondary school

2018-2020

Kerala State Board

Percentage: 85.4

### •Green Woods Public School

2018

ICSE

Percentage: 71

## PROJECTS

### •Safe Steps for Elderly

Implemented an enhanced fall detection system for elderly individuals, promoting peace of mind and preventive care.

- Tools & technologies used: Python, Computer Vision, CNN, Machine Learning Libraries, TensorFlow, PyTorch, Digital Image Processing, accelerometer, gyroscope, GPS and other IoT devices.

### •Fishing Boat Management system

A web app made for managing the availability of boats.

- Tools & technologies used: Apache NetBeans, Java Swing(JFrame), MySQL, mysql-connector(java for database connectivity)
- This project helps fishing boat owners manage their fleet, workers, and operations efficiently using a GUI-based system.

### • Domestic Waste Management-Website

A Web App designed for household organization by providing tools for scheduling, budgeting, and task management

- Tools & technologies used: MongoDB, Nodejs, Html, Css, JavaScript, Nodejs.
- With a user-friendly interface, it provides a positive experience for those seeking services, offering informative content on waste practices and environmental conservation.

### • Bird Hunt

Creating a simple game where the gameplay involves the player hunting as many ducks as possible before the timer ends.

- **Tools & technologies used:** Unity, C#, Unity Editor, Visual Studio (for scripting), 2D sprites and sound effects
- **-Platforms:** Windows
- Player hunting as many ducks as possible before the timer ends..

## VOLUNTEERING EXPERIENCE

### • National Service Scheme(NSS)

June 2022

volunteer

Sahyadri College

- Special events or projects aimed at serving marginalized communities
- Communication and Guiding them were the key roles .

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Python, Javascript, HTML+CSS

**Libraries :** Numpy, Matplotlib, Sklearn

**Coding Platforms:** VScode, Jupiter Notebook

**Databases:** Relational Database(Oracle)

**Relevant Coursework:** Machine Learning, Data Analytics, Digital Image Processing, Artificial Intelligence, Natural Language Processing.

**Areas of Interest:** Machine Learning, Data Analytics, Frontend Development.

**Soft Skills:** Problem Solving, Self-learning, Adaptability, TeamWork and Collaboration