



Neha V

4th year Engineering Student

Branch: CSE with specialization in Artificial Intelligence and Machine Learning

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EDUCATION

BE Computer science Engineering in AI & ML Sahyadri College of Engineering and Management, Mangalore

01/2021 - Present

CGPA : 9.15 (Upto 7th semester)

Senior Secondary Education

Sadhana PU and Degree College, Bangalore

06/2018 - 04/2020

86.166%

Secondary Education

JSS Public School, Bangalore

01/2016 - 04/2018

87.6%

WORK EXPERIENCE

Programming Intern

Vanora Robots

06/2023 - 02/2024

Mangalore

Tasks

- Computer Vision, SLAM, Swarm Technology

Intern as AR-VR Developer

Centre of System Design NIT-K

02/2022 - 06/2022

Surathkal

Achievements/Tasks

- Conducted research focusing on virtual reality and machine learning.
- Virtual Reality Simulation , Game Development , Machine Learning

Programming Domain Head

Team Challengers , Sahyadri

07/2022 - 12/2023

Mangalore

Achievements/Tasks

- Established and implemented technical standards, best practices, and processes to ensure efficient and effective software development
- Conducted Workshops , mentored students, Organized coding events

EXTRA-CURRICULAR

Synergia 2023, National level Technical Fest

Event Organizer

Aerophilia 2022, National Level Technical Fest

Technical Lead

TECHNICAL SKILLS

CPP/C

Python

Java

SQL

ROS

Arduino

Flutter

HTML/CSS

JavaScript

NodeJS

ReactJS

Firebase

PERSONAL PROJECTS

Food Catering App

- A mobile application based on React Native Framework, for a Catering service Provider.
- Tech Stack: React Native, Firebase, HTML, CSS
- Code: <https://github.com/Nehaaav/Catering-App.git>

Aerophilia Participant App

- A mobile application based on flutter framework, for the participants of Aerophilia 2022, a national level Techno-Cultural fest.
- Tech Stack: Flutter, Firebase
- Code: <https://github.com/Aerophilia/userApp.git>

QueGen : Natural Language to SQL query Generator

- An Intelligent System which converts the Natural Language Text into SQL queries.
- Tech Stack: Python, LLM

Smart Shopping Solution

- An intelligent shopping cart that enables self-checkout, simplifying the shopping process and increasing productivity for retailers and customers alike.
- Tech Stack: Python, Arduino, Firebase
- Code : https://github.com/Nehaaav/shop_eaze.git

Diary Day

- An optimized Dairy Farm Management system that utilizes Java and SQL for streamlined operations within the dairy farm.
- Tech Stack: Java, SQL

Gait Detection

- A hybrid Machine Learning and Image Processing system for person identification through distinctive walking style analysis.

Neural Assistant Manager Project

- A neural assistant manager tool developed using Emotiv for processing neural signals, resulting in advanced cognitive capabilities.
- Tech Stack: Emotiv

AREAS OF INTEREST

DBMS

App Development

Web Development

DSA

OOPS

Machine Learning

Image Processing

Artificial Intelligence

Robotics

Competitive Coding