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 6th 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 - Present   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

02/2021 - Present   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

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

Autonomous warehouse Bot
- An automated system that controls autonomous bots in a centralized warehouse, aimed at optimizing inventory management.
- Tech Stack: Python, OpenCV , Arduino
- Code: https://github.com/Nehaaav/Flipkart-Grid.git

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