

Sowmya S Devadiga

Roll No.: 4SF22CI096

Bachelor of Engineering

Sahyadri College of Engineering and Management, Mangaluru

+91-7411387563

sowmyadevadiga71@gmail.com

GitHub Profile

LinkedIn Profile

EDUCATION

Sahyadri College of Engineering and Management, Mangaluru, Bachelor of Engineering – Artificial Intelligence and Machine Learning (AIML)	2022 - 2026 CGPA: 9.4
Sri Venkataramana Pre-university College, Kundapura Karnataka State Board	2020 - 2022 Percentage: 89.33%
Government Junior College, Navunda, Karnataka State Board	2020 Percentage: 88.16%

TECHNICAL SKILLS

Languages: Java, C/C++, HTML, CSS

Frameworks: React, Node.js

Data Structures and Algorithms

Database Management: SQL, MongoDB, MySQL

Development Tools: Git, VS Code, Eclipse IDE, Jupyter Notebook

Soft Skills: Problem Solving, Leadership, Team work, Creativity, Time management.

PROJECTS AND INTERNSHIPS

•Employee Management System

A web-based system to efficiently manage employee records, project assignments, and department data.

- Implemented employee registration, project allocation, and admin control features.
- Developed using React.js, Node.js, Express, and MySQL for full-stack functionality.
- Technology Used: React.js, Node.js, Express, MySQL, Bootstrap.

•AI-Integrated Mock Interview Platform

An intelligent platform that simulates mock interviews and provides personalized feedback based on candidate responses.

- Used a decision tree algorithm to analyze answers and generate detailed performance insights.
- Built with MERN stack and integrated machine learning for adaptive interview preparation.
- Technology Used: React.js, Node.js, Express, MongoDB, Machine Learning (Decision Tree).

•Sleep Detection Glass

A wearable device designed to detect drowsiness in users by monitoring eye activity.

- Used IR sensor to detect eye closure and blink frequency to identify signs of sleep.
- Triggered an alert via a buzzer when signs of drowsiness were detected.
- Technology Used: Arduino UNO, IR Sensor, Buzzer, Embedded C.

CERTIFICATIONS AND ACHIEVEMENTS

•DevOps Hands-On Training Program

March 27 – April 3, 2025

Technical Career Education @ Sahyadri College

- Completed 24-hour training on AWS, Docker, Kubernetes, Jenkins, Terraform, and CI/CD tools.

•Introduction to Cloud Computing

2024

AICTE – Certified Course

- Learned cloud models, AWS basics, virtualization, and deployment practices.

•React.js Web Development Workshop

2023

Sahyadri College of Engineering and Management

- Built a basic front-end app and learned core React concepts.