

RAGHAVENDRA R

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Education

BMS College of Engineering, Bengaluru, India

2022 - present

- CSE - Computer science engineering | CGPA : **8.83**

Vidya Soudha PU College, Bengaluru, India

2021 - 2022

- Class 12 - **95 %**

Sri Vidya Kendra

2019 - 2020

- Class 10 - **96 %**

Skills

- Java | C | JavaScript | ReactJS | NodeJS | MongoDB | Flutter
- Completed 250+ DSA questions across platforms.

Projects

Balloon Mail

Oct'24 - Nov'24

A secure file-sharing platform that allows users to effortlessly upload and download files using unique PopCodes.

- Offers seamless drag-and-drop file upload functionality.
- Senders share a unique PopCode with receivers, enabling them to download the file. Files remain accessible only until the sender deletes them.
- Built using **React (Vite)** for the frontend, **Node.js** and **Express.js** for the backend, and **Appwrite** for file storage and authentication.
- Optimized for real-time uploads and secure file management, ensuring ease of use and data privacy.

BMS - Collabify

jun'24 - Aug'24

A flutter based mobile application for project collaboration among BMSCE students.

- Enables students to be both clients as well as a freelancer.
- Users can upload project details, inviting interested peers to collaborate together.
- Built using **Flutter (with Dart SDK)** for the mobile UI, with **Firestore** as the backend database.

Accident Prevention RC Car

Nov'24 - Jan'25

A smart vehicle safety prototype for obstacle detection and blindspot monitoring.

- Uses **ultrasonic and IR sensors** for real-time hazard detection and automated braking.
- Integrated **ESP32 microcontroller** for sensor processing and Bluetooth-based remote control via a mobile app.
- Developed using **ESP32, L298N motor driver, ultrasonic & IR sensors**, ensuring a cost-effective and scalable solution for vehicle safety.
- LCD display dynamically updates **obstacle alerts, blindspot warnings, and system status** for real-time feedback.

Hobbies or my interests

- Passionate about movies.
- Story and Script Writer