

# B M Yashwanth

+91 8310348693 | [bmyash29@gmail.com](mailto:bmyash29@gmail.com) | [LinkedIn](#) | [Github](#)

## EDUCATION

### Canara Engineering College

Bachelor of Engineering in Computer Science

Mangalore, Karnataka

2022 – Present ( 8.98 CGPA )

### Canara Pre-University College

Pre-university course-PCMB

Mangalore, Karnataka

2020 – 2022 ( 91% )

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, C, C++, Python(Basics)

**Backend:** Firebase, MongoDB

**Frontend:** ReactJs, Next.Js, Dart(Flutter) , Tailwind, HTML, CSS

**Other:** Oops, Computer Networks, Operating System

**Developer Tools:** Git, VS Code, Postman, Android Studio

## PROJECTS

### SafeHood | Flutter (Dart), Firebase, Google Maps API

2025

- Developed SafeHood App, a comprehensive apartment management and monitoring application, enhancing community interaction and operational efficiency for over 100-1000 residents across multiple apartments.
- Engineered a centralized information hub integrating rules & notices, fest invitations, a log monitoring system, and a resident complaint portal, digitizing communication and management, reducing administrative tasks by an estimated 25%.
- Designed a responsive UI and core logic with Flutter (Dart), integrated Firebase for scalable backend, and implemented the Google Maps API for shop identification and listing over 30 nearby shops.

### Digital Detoxer | Next.js, Express.js, MongoDB, Tailwind CSS, ML Model

2024 – 2025

- Designed and developed Digital Detoxer, a web application and mobile companion that tracks user screen time and provides insightful analysis through intuitive graphs, aiming to reduce daily screen usage by up to 30%.
- Created a survey-based machine learning model for personalized suggestions to reduce screen time, achieving an accuracy of 70% based on user opinions and screen time data.
- Leveraged Next.js and Tailwind CSS for a modern frontend, Express.js for backend logic, MongoDB as the database, and a clustering ML model for the survey system. Successfully deployed and adopted by over 15 friends, demonstrating practical success in achieving digital well-being goals.

## ACHIEVEMENTS AND HACKATHON EXPERIENCE

- Dark Pattern Buster Hackathon by Government of India:** During my 3rd semester, I competed and advanced to Round 2 in a hackathon focused on detecting dark patterns on online shopping websites. My project involved web scraping to identify and warn users about deceptive design elements, fake prices, and more, demonstrating skills in web data extraction and user protection.
- HackNacturune Hackathon (Bengaluru):** In my 6th Semester, I achieved Round 2 status at the HackNacturune Hackathon held at Sir M. Visvesvaraya Institute of Technology, Bengaluru.
- SAP Hackfest 2025:** Also in the same 6th Semester, I took part in the SAP Hackfest 2025, presenting a project idea on fake call detection, prevention, and warning. I received positive feedback on the innovative concept during the first-round interview.

## COURSES AND CERTIFICATES

- Google Cloud Skill Badges (Google Cloud Arcade):** Actively participated in the Google Cloud Arcade 2023-2024, developing strong practical skills in Vertex AI for AI/ML model deployment, orchestrating containerized applications using Kubernetes, managing Cloud VMs, and configuring clusters for diverse cloud applications, including custom Python applications.
- AI and its Fundamentals (IBM):** Explored the intricacies of artificial intelligence, including the functionality of CNNs, ANNs, and various machine learning models, alongside critical analysis of AI security mechanisms and potential vulnerabilities in corporate applications.