Bhagyalekshmi BS

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SUMMARY

Front-End Developer skilled in HTML, CSS, and JavaScript, with a passion for creating responsive, visually appealing, and user-friendly web interfaces. Experienced in translating design concepts into functional, accessible websites that deliver smooth user experiences. Adept at responsive layout design, cross-browser compatibility, and clean code practices, ensuring high-quality and maintainable front-end solutions. Strong collaborator with excellent communication and problem-solving skills, dedicated to continuous learning and modern web design trends.

PROJECTS

NUTRITRACK:AI Powered Calorie Calculator And Diet Management System For Combating Child Malnutrition(Front-End)
- Technologies: HTML, CSS, JavaScript, Flask, YOLOv8, Nutritionix API
- Developed and designed the front-end interface for an AI-powered platform aimed at combating child malnutrition.
- Built responsive layouts supporting seamless image uploads and meal recommendations, improving user engagement by 10% during testing.
- Collaborated with a team of four to integrate Flask APIs for real-time food detection with a response time of under 0.5 seconds.
- Enhanced overall user experience through optimized UI workflows and interactive components.

Face Recognition Attendance System
- Technologies: HTML, CSS, JavaScript, Python, Flask, OpenCV, Firebase
- Led the front-end development of an automated attendance system utilizing facial recognition.
- Designed a responsive dashboard and real-time capture interface, increasing accessibility and efficiency by 20%.
- Integrated with Flask APIs and Firebase to support secure and instant data synchronization for attendance logging.
- Contributed to achieving over 90% recognition accuracy across varying lighting conditions during testing.

Mini Market Management System
- Technologies: HTML, CSS, JavaScript, SQL
- Designed and implemented the user interface for a web-based mini market management application.
- Focused on efficient data entry and retrieval through clean UI layouts and form validation.
- Collaborated with team members to link front-end forms with database operations for real-time inventory tracking and order management.
- Improved user experience and system efficiency through a structured, easy-to-navigate front-end design.

SKILLS

- **Languages:** HTML, CSS, JavaScript
- **Soft Skills:** Leadership, Adaptability, Teamwork, Communication
- **Languages:** English, Malayalam

EDUCATION

Bachelor of Technology, Information Technology | Government Engineering College Barton Hill, Trivandrum, India	Jul 2021 - May 2025
12th Grade, Computer Science | ST.Mary's Higher Secondary School, Trivandrum, India	Jun 2019 - Mar 2021
SSLC | ST.Mary's Higher Secondary School, Trivandrum, India	Jun 2018 - Mar 2019

INVOLVEMENT

Secretary, Dance Club(GECB)	Jul 2023 - Mar 2024
Volunteer Secretary, National Service Scheme	Jul 2023 - Jul 2024
Volunteer, Computer Society of India	Feb 2022 - Mar 2024