

RAMYA K R

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OBJECTIVE

To secure a challenging position in a reputable IT organization where I can apply my technical skills, contribute to innovative projects, and grow professionally while helping the company achieve its goals.

EDUCATION

• SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY BE-CSE 7.60 CGPA	2025
• VIVEKANANDA PU COLLEGE PUC 86.5 %	2021
• SRI BALAGANGADARANATHA SWAMIJI ENG.MD.H S SSLC 84.80 %	2019

SKILLS

- C
- HTML
- CSS
- Javascript
- MYSQL

PROJECTS

• Blood bank and donor management system

The number of persons who are in need of blood are increasing in large number day by day. In order to help people who are in need of blood, this online Blood Bank can be used effectively for getting the details of blood donors having the same blood group and within the same city. With the help of this online Blood Bank people who are having the thought of donating blood gets registered in this Online Blood Bank giving their total details. This site also helps people who are in need of blood by giving the details of the donors by searching, if it all there are no donors having the same blood group and within their own city will be given the address with the phone numbers of some contact persons in major cities who represent.

• Customer Relationship Management

The CRM (Customer Relationship Management) project is designed to facilitate efficient communication and management between administrators and customers.

The system comprises two primary user roles: Administrators and Customers. Administrators have access to administrative functionalities such as managing customer data, monitoring daily visitors, and overseeing the system's operation. Customers, on the other hand can register, view, and update their profiles, as well as create support tickets and request quotes.

Key features of the system include a centralized database to store customer information, tickets, quotes, and visitor data, as well as a user-friendly interface. The system aims to streamline customer interactions, enhance customer satisfaction by providing tools for effective customer support and communication. The CRM project serves as a scalable solution for businesses to manage customer relationships effectively.

• Real time heart attack detection and Warning system

Designed and implemented a real-time wearable system that detects early signs of heart attacks and automatically controls vehicle speed to reduce the risk of road accidents.

Captured ECG signals using dry electrodes and performed analog-to-digital conversion.

Developed a threshold-based detection algorithm to identify abnormal ECG patterns in real time.

Used dual NodeMCUs: one for ECG signal acquisition, and another for GPS location tracking.

Integrated Raspberry Pi for processing, data storage, and activation of alert mechanisms.

Triggered buzzer alarms and controlled vehicle speed using a relay module during emergencies.

Deployed Ubidots IoT platform for real-time monitoring and remote visualization.

COURSE AND CERTIFICATION

- Certification for participated in IOT Workshop conducted by MEC technical solutions
- Certification for completion of course programming using Java by Infosys spring board
- Certification for Online course Digital image processing by Great learning
- NPTEL online certification for Soft skills

PERSONAL DETAILS

- Gender:-Female
- Languages known:-Kannada,English

DECLARATION

- RAMYA K R,hereby declare that all the above mentioned informations are true and correct to the fullest of my knowledge.I shall work to be best of my abilities and try to live up your expectations