RENUKA R RADDER

CONTACT

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Education:
2020-2024
Government Engineering Collage,
Haveri.
B.E
Electronics and Communication
Engineering
CGPA :7.01

2018-2020
Morarji Desai Residential Collage
Hallibail.
CGPA :8.73

2017-2018
Kitturu Rani Chanamma Residential
Collage, Shiggaov.
SSLC
CGPA :8.28

PROFILE

To secure a challenging role in professional environment, utilizing my educational background, strong work ethic and willingness to take on new responsibilities to contribute to the success of company.

CERTIFICATION

- Hacker Rank – Basic Problem Solving using C Programming.
- Successful completion and certified by Fundamental of Iot Development with Thingworx and Basics of PLC.
- Successful completion and certified by PG Diploma in Embedded and Automotive Systems course training at Cranes Varsity in Bengaluru.

AREA OF INTEREST

Embedded System Developer, Software Developer, Embedded Engineer, Automation Engineer.

PROJECTS

1. Iot Based Flodded Underpass Water Management System

   An IoT-Based Flooded Water Management System uses IoT technology and a network of sensors to monitor water levels, rainfall, and environmental conditions in real time. The system transmits data online for analysis, predicts flood risks, triggers alerts, and automates responses like controlling drainage valves. This integration of real-time data and remote control enhances flood management efficiency and response times.

   Role: Iot technology, Embedded system

2. Automatic Water Tank Level Controller using Arduino

   An Automatic Water Tank Level Controller using Arduino is a system that manages water levels in a tank by using Arduino microcontroller and sensors. When water level is high the motor turn ON, when the water level is low the motor turn OFF automatically.

The Arduino monitors water levels at various heights and controls a pump or valve to maintain the water level within a set range, preventing overflow or dry running of the pump and ensuring efficient water management.

Role: Embedde System

3. Employees Salary Slip Generator using C

An Employee Salary Slip Generator is software that automatically creates detailed salary slips, including basic salary, allowances, deductions, and net pay. It performs calculations for taxes and benefits, simplifying payroll management and ensuring accurate, professional salary statements for employees.

Role: Software Developer

4. Automatic Greenhouse System using LPC1768.

An Automatic Greenhouse System using the LPC1768 microcontroller helps maintain the best conditions for plants to grow by working automatically. It uses temperature and humidity sensors to control fans or heaters, an LDR (Light Sensor) to adjust light levels, and a soil moisture sensor to water plants when the soil is dry. The LPC1768 collects data from these sensors and manages devices like pumps, lights, and fans to keep everything just right for the plants. This system saves time, uses resources efficiently, and helps plants grow better with less effort.

DECLARATION

I, here by declare that the information furnished above is correct to the best of my knowledge.

Date: 22-11-2024
Place: Bengaluru

Renuka R Radder