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EDUCATION

Soften technologies,kochi PG diploma in embedded system development Waiting for result	2019-2020
St.Aloysius College,Edathua. Affiliated to Mahatma Gandhi University,Kottayam Bachelor's degree in science CCPA-8.03	2016-2019
St Mary's residential school and junior college, pathanapuram High school 59.2 %	2016
St Mary's residential school and junior college, pathanapuram 71.83 %	2014

SKILLS

Proficient in C ad C++, Embedded C PCB designing ARM processors Hardware circuit design and analysis
Linux,RTOS Computer networking Microcontrollers Serial protocol (e.g. SPI,I2C,CAN, UART)

ACTIVITIES

Completed On the Job Training Program conducted by MILITIA SMARTPHONE INSTITUTE
Completed 3 day workshop in PLC and SCADA conducted by WALCO SOLUTIONS
Participated in the NATIONAL WORKSHOP ON ATOMIC ENERGY AWARENESS conducted by Indian Association Of Nuclear Chemist And Allied Scientists-Southern Regional Chapter (IANCAS-SRC)
Participated in NIRMAAN Intercollegiate Electronics Project Competition & Exhibition

PROJECTS

Smart Shopping Cart

Organisation: keltron Knowledge Center,Kottayam
Team size: 3
Even though the technology is at its peak, still there is no remedy for the crowd at shopping market. We provide a solution by introducing Smart Shopping Cart which uses RFID technology instead of barcode. An inexpensive RFID tag is attached to each product which, when placed into a smart shopping cart, can be automatically read by a cart equipped with an RFID reader. As a result, billing can be conducted from the shopping cart itself, preventing customers from waiting in a long queue at checkout

Smart Garden Monitoring System Using IOT

The implementation of Smart Garden system using the Internet of Things has been verified to satisfactorily work by connecting different parameters of the soil to the cloud and was successfully controlled remotely through a mobile application. The system designed not only monitors the sensor data, like moisture, humidity, temperature and ultrasonic but also actuates other parameters according to the requirement.

BANK MANAGEMENT SYSTEM using C Programming language

Features:

- Login system.
- Add, remove, update list records.
- View individual's detailed information.
- Banking transactions.
- ATM Feature.

COFFEE SHOP MANAGEMENT SYSTEM using C Programming language

Features:

- Ordering System
- Cash and Card Payment Methods
- Login System
- Admin Panel
- Displays total Cash and Card Transactions
- Add and Delete Coffee Items
- Item Counter
- Instant Order Preview

SNAKE Game using C Programming language