PAVITHRA .S

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING

CONTACT

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Contact No: **+91-9345527588**

PERSONAL DETAILS

Date of Birth: 14-07-2002

Gender: Female

Father's Name: Mr.K.Senthil

Mother's Name: Mrs.Maheswari

Nationality: Indian

PRESENT ADDRESS

3/108, Velayutham palayam ,Kinathukadavu,

Coimbatore.

CAREER OBJECTIVE

A fresher with willingness to do all works not only in particular domain.To make contribution for the Success of company by utilizing the opportunity. Where ever I serve my duties that will discover the potential in me.

ACADEMIC PROFILE

- ➢ **B.E. (Electronics & Communication Engineering)**
  Sri Eshwar College of Engineering, Coimbatore
  CGPA:9.25%
- ➢ **HSC**-2020
  Kids Park Matriculation Higher Secondary School, Coimbatore
  Percentage: 71.6%
- ➢ **SSLC** –2018
  Kids Park Matriculation Higher Secondary School, Coimbatore
  Percentage: 92.4%

PROFESSIONAL SKILLS

- Grab the Technologies easily
- Time Management
- Ease going as it helps to lead a team and even to work with a team
- Convince the opposite person easily
- Fast adaptability for the present circumstances

LANGUAGES KNOWN

- **READ:** English, Tamil, Hindi
- **WRITE:** English, Tamil, Hindi
- **SPEAK:** English and Tamil

STRENGTH

- Good Motivator
- Honest
- Good Listener
- Confidence
- Dedicated & Loyal

AREA OF INTEREST

- Analog and Digital Electronics
- Embedded and IoT
- Networking and Radio Access technology
- Digital Communication

TECHNICAL SKILLS

- Problem solving
- Prudent Decision making
- Fundamental knowledge in Core Electronics
- Project Management and leadership skills
- Strong research and organizational skills
- Effective interpersonal communication

ACHIEVEMENTS AND AWARDS

- Completed C language course in Bharathiar University 2nd place
- Completed B.Ed. (Hindi) Dakshin Bharat Hindi Prachar Sabha secured 90%
- Best Student Award in 2018 @ Kidspark Matriculation Higher Secondary School
- Participated in National Quiz and Paper Presentation
- Participated in **"Photographic Event"** competition ,secured 1st place in Sri Eshwar College Of Engineering

TECHNICAL ACTIVITIES

- Undergone Internship in **CORE ELECTRONICS** Training held at Sri Eshwar College of Engineering with certification.
- Completed a "Project Development Program" in Embedded and IoT club at Sri Eshwar College of Engineering.
- Currently pursuing course on "VLSI tool designing" and working projects related with VLSI using Xilinx.
- Completed Industry Oriented Course related to "ELECTRONICS".

SOFTWARE/COMPUTER PROFICIENCY

1. **Languages Known**: C, Java, Verilog ,Basics of HTML.
2. **EDA Tool**: Multisim, Tinkercad, Cisco Packet tracer, Matlab, Octave
3. **Processors/Boards**: Arduino Uno (ATMega328), Node MCU,8051,8086.
4. **Wireless Technologies**: Bluetooth, Wi-Fi, Zigbee

EXPERIENCE

- One and half Years' Experience in Resolving the Problems of Student in a posting of "**STUDENT AMBASSADER".**
- Engaged in English Club for the development of Students nearly for one year as a "**SQUADRON".** Worked as an Education Assistant for Faculties

CO-CURRICULAR ACTIVITIES

- Completed 'Data Communication Networks' course in CISCO platform with certification

- Completed 'JAVA' course in UDEMY platform with certification.

- Attended a Seminar session presented by Mr.Haresh Janakiraman ,Texas Instruments in the topic of 'Embedded systems' at Sri Eshwar College of Engineering.

- Attended a Seminar session presented by Mr.Benjamin Davis ,Sales Engineer, USA in the topic of 'Network security' at Sri Eshwar College of Engineering

- Participated in **"Mini-project contest"** conducted at Sri Eshwar college of Engineering.

- Participated in **"Major Project contest"** conducted at Sri Eshwar College of Engineering.

- Currently Participating in **"Eyantra Robotic competition 2022".**

- Participating in **"Electronic wings"** competition through online mode.

INCHARGES

- Project Coordinator for Mini Project.
- Secretary of Embedded and IoT club.
- SESWA Coordinator.
- Membership of IEEE.
- **Placement Coordinator**.
- Member in 'Embedded and IoT Club'

PROJECTS

1.AUTOMATIC SHED SYSTEM

➢ Completed "**AUTOMATIC SHED SYSTEM"** for the service of bakery, home etc.

2.AUTOMATIC CHILD MONITORING SYSTEM

➢ Completed **AUTOMATIC CHILD MONITORING SYSTEM** for children safety purpose.

3.A CAR DRIVER ASSISTANCE SYSTEM

➢ Achieved **"A CAR DRIVER ASSISTANCE SYSTEM "**for the drivers to prevent from accidents or mitigate its consequences.

4.FUEL MONITORING SYSTEM

➢ Completed "**FUEL MONITORING SYSTEM"** for the purpose of monitoring the fuel and suggest the driver to use the fuel optimally by regulating the speed of the vehicle.

5.INFOTAINMENT HELMET

➢ Accomplished **"INFOTAINMENT HELMET"** to avoid the accidents occurring because of the phone calls.

PROJECTS UNDERTAKEN

PROJECT 1:

DETAILS

TITLE: AUTOMATIC SHED SYSTEM

➢ This System overcomes the difficultly we face in both rainy and hot season.

➢ With the help of the System, we can prevent the cloth by wetting on the lawn when rain falls

➢ Even this project can be implemented for Small Scale Agriculture, Bakeries etc. By implementing this system, we can overcome the above difficulties.

PROJECT 2:

DETAILS

TITLE: AUTOMATIC CHILD MONITORING SYSTEM

➢ The system comprised of the following three system. A school unit, a child unit and home unit.

➢ School unit consists of RF Reader, controller (AT89S52) and transmitter, child unit – RFID, GPS module, home unit – GSM module.

PROJECT 3:

DETAILS

TITLE: A CAR DRIVER ASSISTANCE SYSTEM

➢ Car driver assistance system is a real time system used for knowing and giving the information to the driver and an urgent condition it will apply break and stop the car.

➢ A continuous monitoring of driver's heartbeat is also done if the heartbeat goes down to a particular level it automatically applies break and stop the car slowly.

➢ By implementing the system in car, it will avoid accident.

PROJECT 4:
DETAILS

TITLE: FUEL MONITORING SYSTEM

➢ The primary design goal is to devise a system capable of monitoring the fuel level in the real time.

➢ We developed a system to find the factor for fuel consuming with on time reading in the monitor and also this system suggests the driver to use the fuel optimally. The purpose of this device is to prevent fraud in petrol pumps where in some cases the quality of fuel filled is not actual quantity. Hence this device installed in tank of a Vehicle prevents the customer from get cheating.

PROJECT 5:

DETAILS

TITLE: INFOTAINMENT HELMET

➢ In India most of the people die due to the accident they face. Especially when it comes to two wheelers.

➢ By answering the phone calls and hearing music while driving can cause the accident and also for seeing the google map.

➢ Our project overcomes the above issues with android application development for the user support.

REFERENCES

1.Dr. N. Shanmugasundaram

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Sri Eshwar College of Engineering, Coimbatore,

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2.Dr.M.Mohankumar

Assistant professor , ECE Department,

Sri Eshwar College of Engineering, Coimbatore,

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Email: mohankumar.m@sece.ac.in

AFFIRMATION

I, PAVITHRA.S, do hereby confirm that all the information furnished above is true and correct to the best of my knowledge.

Place: Coimbatore

Date: 10.9.2022   **PAVITHRA SENTHIL**