PERINBA SARAVANAN K

ELECTRONICS AND COMMUNICATION ENGINEERING

CONTACT INFO

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in LINKEDIN

GITHUB

LEETCODE

GEEKS FOR GEEKS

📅 06 MARCH 2005

📍 TIRUPPUR - 641602

TECHINICAL SKILLS

- C
- JAVA
- HTML , CSS
- REACT JS(MID-LEVEL)
- NODE JS(BEGINNER)

AREAS OF INTEREST

- WEB DEVELOPMENT
- OOPS
- DBMS
- DATA STRUCTURES AND ALGORITHMS

EDUCATIONAL BACKGROUND

- **DEGREE - BANNARI AMMAN INSTITUTE OF TECHNOLOGY (2022 - 2026)**
  B.E - ELECTRONICS AND COMMUNICATION ENGINEERING
  CGPA 7.71 (up to 5th semester)

- **12TH - KONGU VELLALAR MATRIC HIGHER SECONDARY SCHOOL (2021-2022)**
  90.5%

- **10TH - KONGU VELLALAR MATRIC HIGHER SECONDARY SCHOOL (2019-2020)**
  81.2%

CAREER OBJECTIVE

An Electronics and Communication Engineering student skilled in C, Java, and object-oriented programming, with a focus on problem-solving, circuit design and Full stack development.. Experienced in integrating hardware and software solutions. Committed to continuous learning and creating efficient, impactful designs.

PROJECTS

- **VEHICLE AND PASSENGER SAFETY FOR CONFINED WATER LOGGING**

  DURATION - (JULY 2024 – SEPTEMBER 2024)
  TEAM SIZE: 4
  DESCRIPTION : This project detects waterlogged areas under flyovers using ULTRA SONIC SENSOR which is integrated with Raspberry Pi. Locations are shared via a Telegram bot for alternate route suggestions. It ensures efficient navigation during floods or heavy rainfall.

- **E-Commerce Website Using MERN Stack**

  DURATION - (December 2024 - February 2025)
  TEAM SIZE: Individual
  ROLE : Frontend & Backend Development, UI/UX Design, Database Management
  DESCRIPTION : Designed and developed a fully functional e-commerce website with a user-friendly interface, product catalog, cart functionality, and order management system.

- **CONSOLE BASED BANKING APPLICATION USING JAVA**

  DURATION - (DECEMBER 2024 - JANUARY 2025)
  TEAM SIZE : INDIVIDUAL
  DESCRIPTION : This project is a simple console-based banking application developed using Java, designed to manage customer accounts and provide administrative control over banking operations. The system operates without a database, relying on file handling or in-memory data structures to store and manage account details and transaction records.

PERSONAL SKILLS

- TIME MANAGEMENT
- PRESENCE OF MIND
- PROBLEM SOLVING
- CREATIVITY

HOBBIES

- PLAYING CRICKET
- DRAWING
- GAMING

LANGUAGES KNOWN

- TAMIL – R,W,S
- ENGLISH – R,W,S
- HINDI – R,W

EXTRA CURRICULAR ACTIVITIES

- **YOGA**
  WINNER IN KSG MATRIC HIGHER SECONDARY SCHOOL – TIRUPPUR
  RUNNER IN SPRING MOUNT PUBLIC SCHOOL – TIRUPPUR
- **DANCE**
  PARTICIPATED IN SCHOOL ANNUAL DAY
  (2014 , 2016 , 2019)

CO-CURRICULAR ACTIVITIES

1 . CYNOSURE 2K23

Participated in CYNOSURE 2k23 event , A National Level Technical Symposium organized Sri Ramakrishna Institute Of Technology, Coimbatore held at 9th February2023

2. VIVID 8.0

Participated in VIVID 8.0 ,A National Level project competition organized by SSN Institute Of Technology, Chennai held at 27th March 2024

3. VAHANA V6

Participated in VAHANA V6 event , A National Level Technical Symposium organized by department of Automobile Engineering in Hindustan collage of Engineering and Technology , Coimbatore held at 22nd February2023

ACHIEVEMENTS

1 . EDII - HACKATHON

Runner in EDII HACKATHON , State level hackathon organized by Government of Tamil Nadu at Knowledge Institute technology , Salem held at   3rd September 2024 - 5th September 2024 and Won cash price of RS.5000

2 . PATENT GRANTED

Design patent granted for AI BASED WASTE SORTING MACHINE by Tamil Nadu government in December 2024.

Design patent granted for POCKET MULTIMETER by Tamil Nadu government in December 2023.

CERTIFICATIONS

- **INFOSYS –** BASICS OF PYTHON (22nd December 2022)
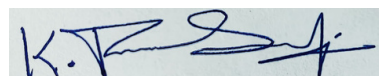- **COURSE ERA –** CREATE YOUR FIRST PYTHON PROGRAM FROM UST (23rd August 2023)

DECLARATION

I PERINBA SARAVANAN K ,Declare that the above written particulars are true to the best of my knowledge.

DATE : 22/02/2025

PLACE : Tiruppur

SIGNATURE :

PERINBA SARAVANAN K