



# SHARMILA S

## CAREER OBJECTIVE

To utilize my technical skills and provide a professional service to customers by applying my knowledge and working in a challenging and motivating environment and to create value for my prospective employer.



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sharmila-s-9bb530284



S-SHARMILA

## SKILLS SETS

- Self Confidence
- Time Management
- Positivity

## TECHNICAL SKILLS

- C
- C++
- JAVA

## AREA OF INTEREST

- Digital Electronics
- Signals and Systems

## EDUCATION

### M.KUMARASAMY COLLEGE OF ENGINEERING

Electronics and Communication Engineering (2021 - 2025)  
CGPA : 8.1

### KONGU MATRICULATION HIGHER SECONDARY SCHOOL

Higher Secondary School (2020 - 2021)  
PERCENTAGE : 90

### KONGU MATRICULATION HIGHER SECONDARY SCHOOL

Secondary School Leaving Certificate (2018 - 2019)  
PERCENTAGE : 92

## COURSE AND PAPER PUBLISHED

- Participated in Workshop "3D Modelling using AutoCAD" at Care College of Engineering, Trichy.
- Completed Business English Certificate Preliminary in Cambridge University Assessment in March 2023.
- Presented paper on Haptic Technology at Kongu Engineering College, Erode.
- Completed C programming in Information Communication Technology (ICT) Platform.

## CERTIFICATIONS

- Earned 11 badges in Google Cloud Skill Boosts.
- Achieved grade B2 in STEP Plus Test chartered by The Hindu Group in July 2023.
- Achieved Grade A2 in Business English Certificate Preliminary in Cambridge University Assessment in March 2023.

## PROJECTS

**1) Title:** SMART ENGINE LOCKING SYSTEM

**Team Size :** 4

**Tool :** Arduino, Alcohol detecting sensor.

**Duration :** 4 months

**Scope :** To reduce the accidents which was occurring due to alcohol consumption of the drivers. The sensor will sense the driver's breathe continuously and if the driver consumes alcohol the engine will automatically lock.

**Personal Contribution:** I gave my ideas and contribution to the documentation of the project and made connections to the Hardware components.

**2) Title :** LOW POWER APPROXIMATE MULTIPLIER USING COMPRESSOR

**Team Size :** 4

**Language :** Java

**Tool :** ModelSim

**Duration:** 5 months

**Scope :** To reduce the power consumption the design of approximate multiplier appears as a promising solution for many error resilient applications. It will be very helpful for compressing the videos, pdf, files or images.

**Personal Contribution:** Done some java coding for project and prepared the report.

**3) TITLE :** SMART STREET LIGHT SYSTEM

**Team Size :** 4

**Tool :** Arduino, IR sensor

**Duration:** 5 months

**Scope :** To reduce the maintenance costs and to save the considerable energy. It is designed to automatically switch ON the street light along the roads and switch them OFF automatically after sunrise or during light hours.

**Personal Contribution:** Researching and Collecting the Reference paper and made connections to the Hardware components.

## EXTRA CURRICULAR ACTIVITIES

- State level Basket Ball Player.
- Zonal level Skatting Player.

## HOBBIES

- Drawing
- Gardening

## PERSONAL INFORMATION

**Father's Name :** R.Shanmugam

**Nationality :** Indian

**Date of Birth :** 04-04-2004

**Languages known :** English , Tamil

**Address :** 2/40 , Sengapalli, Mohanur , Namakkal.

**(S.SHARMILA)**