

# GURULAKSHMI S S

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 [github.com/GurulakshmiSS](https://github.com/GurulakshmiSS)

## EDUCATION

### BACHELOR OF INFORMATION TECHNOLOGY

Kongu Engineering College, Erode

CGPA - 7.90

2021-2025

### HSC ( 88.95 % )

Bharathi Vidya Bhavan, Matriculation  
Higher Secondary School

2020-2021

### SSLC ( 85 % )

Bharathi Vidya Bhavan, Matriculation  
Higher Secondary School

2018-2019

## AREA OF INTEREST

- Web Development
- Data Structures and Algorithms

## MEMBERSHIP

- **Executive Member** of Ravi Varma Club of Kongu Engineering College.
- **Member** of ISTE Club of Kongu Engineering College.

## SOFT SKILLS

- Time Management
- Adaptability

## PROFILE

Proficient in logical thinking, showcasing my capacity for strategic problem-solving and good in Coding and Creativity.

## SKILL SETS

- Java
- C
- HTML, CSS, JS
- ReactJS
- Python

## PROJECTS

### UI App for Social Interaction Tracker

- Developed a Flask-based web application with multi-view dashboards (Individual, Abstract, Analytics) to analyze and visualize social signals from image sequences, highlighting Interaction Levels, Emotions, Conversations, and Engagement.

**Technologies Used:** Flask, HTML, CSS, JavaScript, JSON, VS Code, Linux, Git.

### UI App and optimization for medical intervention guidance system

- Worked on optimizing a computer vision based medical intervention guidance system and built a custom PyQt5 GUI for visualizing it.
- Worked on real-time tracking, calibration, and plotting of trajectory with integrated video feed for medical intervention guidance.

**Technologies Used:** Python 3, PyQt5, OpenCV, Picamera2, NumPy, Raspberry Pi, VS Code, Git.