

Gopisaravanan K

Developer

✉ gopisudha1112@gmail.com ☎ 8825692326 📍 Chennai

PROFILE

With solid experience in embedded systems, IoT, Java, and SQL, I'm looking for a position as a Software Development Engineer (SDE). I am eager to apply my technical abilities and project experience to create unique software solutions, while also extending my expertise in software development and issue solving.

SKILLS

Technical Skill

- Java
- SQL
- HTML

Soft Skill

- Collaborator
- Time Management
- Creative Thinker

COURSES

B.E-Electronics and Communication Engineering

Panimalar Engineering College

2019 – 2025

Chennai

12th

Sri Vidhya Bharathi Matric Higher Secondary School

2020 – 2021

Salem

10th

Sri Vidhya Bharathi Matric Higher Secondary School

2018 – 2019

Salem

PROJECTS

AI-Driven Military Robot For Autonomous Enemy Detection and Engagement

- This project offers a military robot prototype capable of autonomously detecting and engaging enemies using Python-based facial detection. Controlled remotely via an IoT module, it improves battlefield effectiveness while reducing troop exposure. Advanced robots have the potential to change future military operations by increasing safety and effectiveness.

LPG Leakage Detector

- LPG leak detection systems employ specialized sensors to detect the presence of liquefied petroleum gas (LPG) and sound alarms to warn people about potential leaks. These devices, which are commonly used in kitchens and industrial environments, require frequent maintenance to preserve their functionality. They assist protect human life and the environment from gas threats by identifying leaks as soon as possible.

Accident Prevention

- This initiative aims to avoid accidents using IoT technology. It uses real-time communication networks to monitor and identify possible threats. Data analytics helps forecast hazards and provide early warnings. Our mission is to improve safety and prevent accidents through proactive methods.

CERTIFICATES

- Applied Cloud Computing

WORKSHOP

- Emerging technologies for next Generation Wireless Communication System.
- Hands-on Training on Embedded System.

LANGUAGES

- Tamil
- English