

# Lokesh Gopinath K

Email: [lokeshgopinath75@gmail.com](mailto:lokeshgopinath75@gmail.com)  
LinkedIn: [@lokesh-gopinath-k](https://www.linkedin.com/in/lokesh-gopinath-k)  
GitHub: [@Lokesh-Gopinath](https://github.com/Lokesh-Gopinath)  
Portfolio: <https://lokeshgopinathk.vercel.app/>  
Contact No: +91-72006 70444  
Address: Salem, Tamil Nadu.



## PROFESSIONAL SUMMARY

ECE graduate with hands-on experience in IoT, embedded systems, and automation projects. Skilled in programming, hardware interfacing, and cloud platforms. Focused on building efficient, user-centric solutions.

## EDUCATIONAL CREDENTIALS

**PANIMALAR ENGINEERING COLLEGE**  
*B.E Electronics & Communication Engineering*  
- (2021-2025)  
CGPA: 7.85 | Graduated: 2025

**SRI VIDYA MANDIR MAT. HR. SEC. SCHOOL**  
*-Higher Sec. Education (STATEBOARD)-(2021)*  
PERCENTAGE: 76.78  
*-Secondary Education (STATEBOARD) (2019)*  
PERCENTAGE: 67.8

## AREA OF INTEREST

- Programming IoT and automation solutions.
- Designing microcontroller-based systems.
- Leveraging Node-RED for workflows.

## INTERNSHIPS

- **SIEMENS(TANSAM):**  
Developed an IIOT solution using MindSphere, ranked in top 3 projects.
- **PANTECH E-LEARNING:**  
1 Month Internship on Robotics.

## LINGUISTIC COMPETENCE

- TAMIL : NATIVE.
- ENGLISH : FLUENT.

## SKILLS

### ► TECHNICAL:

- Node-RED.
- MindSphere.
- Java.
- Rust.
- C++.

### ► SOFT:

- Logical Thinking.
- Time Management.
- Adaptability.
- Collaborative.
- Work Ethic.

## PROJECTS

### -REMOTE CONTROLLED LIQUID PUMP SYSTEM:

- Designed an energy-efficient liquid pump controlled via Node-MCU and monitored through Blynk IoT.

### -WEATHERNET:

- Built a microcontroller-based weather monitoring system with Firebase integration and a custom app/website.

### -AGRICULTURE AUTOMATION USING IOT:

- Developed a water-efficient greenhouse automation system using Node-MCU for remote monitoring.

## ACHIEVEMENTS AND AWARDS

- **BEST INTERNSHIP PROJECT (TOP 3).**
- **NASSCOM (DATA-SCIENCE BEGINNER).**
- **ENERGY LITERACY TRAINEE.**  
(Energy Swaraj Foundation)

## HOBBIES

- Programming.
- Designing circuits.
- Learning about space.