

# Lokesh Gopinath K

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## CAREER OBJECTIVE

Electronics and Communication Engineering graduate with expertise in IoT and programming, eager to develop innovative, efficient solutions in a collaborative, fast-paced environment.

## EDUCATIONAL CREDENTIALS

- **B.E. Electronics & Communication Engineering**  
-Panimalar Engineering College - (2021-2025)  
CGPA: 7.85
- **Higher Secondary Education (STATE BOARD)**  
-Sri Vidya Mandir Matriculation Higher Secondary School - (2021)  
PERCENTAGE: 76.78
- **Secondary Education (STATE BOARD)**  
-Sri Vidya Mandir Matriculation Higher Secondary School - (2019)  
PERCENTAGE: 67.8

## AREA OF INTEREST

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

## INTERNSHIPS

- ▶ **Siemens (TANSAM Program):**  
Developed an IIoT solution using MindSphere for industrial data monitoring, ranked in top 3 projects.
- ▶ **PANTECH E-LEARNING:**  
Completed a 1-month robotics internship, designed and programmed a basic robot.

## LINGUISTIC COMPETENCE

- Tamil (Native), English (Fluent).

## SKILLS

### ► TECHNICAL:

- Node-RED.
- MindSphere.
- Java.
- Kotlin.
- 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, reduced water usage by 20%.

### -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, Certified Data-Science Beginner.

ENERGY LITERACY TRAINEE, Energy Swaraj Foundation.

KARATE (BROWN BELT RANK 3).

## HOBBIES

- Programming.
- Designing circuits.
- Exploring space science.