

# Lokesh Gopinath K

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## 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.