

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.