

# LIKHITH KUMAR RJ

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Bengaluru



## SUMMARY

To pursue a challenging career and be a part of a progressive organization that gives a scope to enhance my knowledge, help me achieve my goals, and utilize my skills towards the growth of the organization, I actively pursue challenges to refine my skills and acquire practical expertise. My effective communication and critical thinking skills position me as a valuable team member.

## EDUCATION

### RNS Institute Of Technology

B.E : Electrical And Electronics Engineering  
Dec2020-May2024 **CGPA:8.68**

### Morarji Desai Residential Science PU college

Pre University College : Science (PCMC'S)  
Jun2018-Apr2020 **89.16 %**

### Morarji Desai Residential School

Secondary School Leaving Certificate  
Mar 2018 **85.76%**

## SKILLS

- C/C++ Programming
- Python Programming
- Object oriented programming
- MySQL
- HTML and CSS
- PLC
- SCADA
- MATLAB

## CERTIFICATIONS

- Certificate of participation on "Smart IoT system design for industrial applications" organized by Indian Tech-keys.
- Certificate of participation in state-level science exhibition.
- Coordinator of the department, fest VIDYOUTH.
- Present our project paper in the SEVENTH NATIONAL CONFERENCE on "Emerging Trends in Engineering Science and Technology."
- Medal of Merit from RNSIT.

## PROJECTS

### 1. Driver anti sleep detector

It is basically used for reducing the road accidents caused by the drowsiness of the driver. Thus, the system is developed by using an eye blink sensor and relay circuit. We programmed Arduino to control the entire process, starting from taking input from the eye blink sensor to the send control signal to the relay circuit.

### 2. Prototype To Generate Water From Atmospheric Air

In this project, we are going to develop a water condensation system supported by a thermoelectric cooler. In this model, we use the concept of the Peltier module. A Peltier module consists of two semiconductor plates. When a direct current (DC) is applied to the module, it causes electrons to move through the semiconductor due to this one plate acting as the cold side and the other plate acting as the hot side. By exposing the cooler side plate to atmospheric air, we can produce water.

### 3. Python voice assistant

Python voice assistant It is a simple, personalized assistant acts bot. It typically includes capturing audio input, processing the text to understand user intent, executing relevant actions, and providing audible responses.

## INTERNSHIPS

### Automation and Industry 4.0

4 week

We were exposed to technologies like PLC, SCADA, and Cisco packet tracers under the guidance of the Robert Bosch Rexroth Company.

### Armax Automation

Feb2024-May2024

Worked under the operation team in resolving the issues related to the client system. Worked under development team in designing the SLD in A+ SCADA software.

## WORKSHOPS

### "Concept To Product Development" By Indian Tech-keys

I learned about PCB design and also designed Arduino nano under their guidance.

### "Alcohol detection" By Indian Tech-keys

Developed an IoT based smart application to detect alcohol content using MIT app inventor.