

# Monisha A

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## 🎯 OBJECTIVE

Seeking a position provides an opportunity to grow and enable me to use my strong organizational skills, educational background. Seeking a position that offers new challenges and allows for further carrier growth.

## 🎓 EDUCATION

### • M. Kumarasamy college of engineering

present | Karur, India  
Electronics And Communication Engineering  
CGPA:8.2

### Sri Saraswathi Vidhya mandhir Higher Secondary School

2022 | Karur, India  
Percentage:86

### Little angle's English Higher Secondary School

2020 | Karur, India  
Perenatge:70

## 🧩 ACHIEVMENTS

- Attended a workshop on antenna design to gain practical knowledge of RF communication systems.
- Presented a research paper on the RFID-Based Train Collision Avoidance System at an IEEE conference
- Delivered a project presentation on RFID technology and its applications in safety systems.

## 📁 PROJECTS

### RFID-Based Train Collision Avoidance System

- Role : Team Member – System Design and Implementation
- Team size:4
- Technics used in project : Designed the system logic using Arduino, integrating RFID modules for train detection and coding the alert mechanism using Embedded C.
- Summary of the project: We used RFID modules with Arduino Uno to detect nearby trains and trigger alerts when two trains were too close. The setup was built using basic electronic components for real-time testing.

### Fingerprint-Based Blood Group Detection using CNN

- Role: Actively contributed as a team member
- Team size:2
- Techniques used: Used OpenCV for fingerprint image preprocessing, and trained a CNN model using TensorFlow to classify blood groups based on fingerprint patterns.
- Summary: Created a model to predict blood groups from fingerprint images using image processing and CNN for classification.

## 📄 CERTIFICATES

### Certified on Python for data science, AI and Development

Duration : 3months ( Coursera)

### Certified on Java programming: solving problems with software

duration : 3Months (Coursera)

### Certified on Introduction to networks

Duration : 6 months (CISCO)

## 🧠 SKILLS

### Technical skills

- C
- C++
- Java
- HTML

### Soft Skills

- Time mangement
- Leadership
- Communication
- Problem-Solving