

# Abhiraman S Nair

IoT | Robotics | Space  
Exploration



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📍 Thrippunithura, Ernakulam, Kerala

🌐 Abhiraman S Nair 🔄 Abhiraman-S-Nair

## 🎓 Education

### B.Tech Computer Science and Engineering (Data Science)

Mar Athanasius College of Engineering,  
Kothamangalam

2021 - 2025 | Kothamangalam, India

## 💻 Skills

**Coding** – Proficient

Developer in Python, R, Arduino

**Circuit Modelling** – Competent

Experienced with using tools like TinkerCad

**Soft Skills** – Competent

Ample experience in Documentation, Public Speaking, Event Management, Team Organization

## 🏆 Awards

### First Prize Space Club Quiz

IEEE College of Engineering Adoor  
2023

### Runner Up in HACKFIT 2022

National level hackathon by ICEFOSS  
FISA«  
2022

### First prize in Robotron

Robotics Project competition by IEEE  
RAS SBC RIT  
2022

## 🔧 Volunteering Experience

### Volunteer

Aerospace Interested Students  
Association

Oct 2023 - Jan 2024 | Kothamangalam, India

**Highlights:** Conducted a Water Rocketry Workshop, Participated in the construction of the club's first Telescope and was part of an Asteroid Search Campaign organized by IASC, NASA, Pan-STARRS and the Open Space Foundation

### Chair | IEEE RAS SBC MAC

IEEE MACE Student Branch

Mar 2023 - Jan 2024 | Kothamangalam, India

**Highlights:** Organized 100 Days of Code, a learning programme for coding enthusiasts and conducted a session on TinkerCAD during Arduino Day 2023

### Tech Team Member | Cybodium

IEEE MACE Student Branch

Nov 2022 - May 2023 | Kothamangalam, India

**Highlights:** Coordinated the Project Expo and a hands-on workshop on Robotics for India's first ever IEEE RAS TEP funded seasonal school on Robotics

### Tech Team Member

IoT Club MACE

Nov 2022 - Sep 2023 | Kothamangalam, India

**Highlights:** Coordinated a session for Arduino Day 2023

## 🔧 Projects

### TerrAero

Landslide Prediction System  
present

### Critico

Universal Patient Identification System  
present

### Plant-i-Smart

IoT based Agricultural Monitoring  
System  
present