



ARAVIND R

COMPUTER SCIENCE ENGINEERING STUDENT

CONTACT

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GitHub

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Website

<https://aravindr.netlify.app/>

DOB: 19/06/2004

SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

TECH SKILLS

- Python
- Java
- C++
- Data Structures
- Algorithms
- SQL, MySQL
- HTML
- C

LANGUAGES

- English
- Malayalam
- Hindi



PROFILE

Aravind R. is a 3rd-year Computer Science student and the Student Representative of the IEEE PES Kerala Chapter. With a strong background in leadership and technical projects, he has organized major IEEE PES events, led the EcoWatt project, and secured a global rank of 83 in IEEE Xtreme 18.0. He has worked on projects like Smart Home Automation and completed a cybersecurity internship at Technovalley Pvt Ltd. Aravind has also won the First Prize in the Idea Pitching competition at PowerConnect+ and contributed to education initiatives like PROJECT: Instrument IT. Additionally, he served as the Sports Secretary of the College of Engineering Adoor, showcasing his diverse skills in leadership, technology, and community engagement



EDUCATION

College of Engineering Adoor 2022 - 2026

KTU, B.Tech in Computer Science Engineering

GPA: 8.0

St. Stephen's Higher Secondary School 2020-2022

State, 12th

Percentage: 95%

St. Stephen's Boys High School 2020

State, 10th

Percentage: 98%



PROJECTS

NOXUS : AI MODEL 2 DAY

Developed an AI model as part of the NOXUS AI Workshop, focusing on training and optimizing neural networks for data-driven predictions. Worked on model architecture, data preprocessing, and performance evaluation to enhance accuracy and efficiency.

Technologies Used: Machine Learning, Neural Networks, Python

Novus : RC PLANE 2 DAY

Developed an RC plane as part of the Novus RC Plane Build, focusing on aerodynamics, stability, and control. Contributed to the assembly, calibration, and testing of the aircraft for efficient flight performance.

Technologies Used: RC Plane Mechanics, Servo Motors, Remote Control Systems

Smart Home Automation with Malfunction Detection JAN 2025

Developed a Smart Home Automation system with Malfunction Detection using ESP8266 and ACS712 Current Sensor. Implemented real-time monitoring of electrical appliances to detect faults and anomalies, enhancing safety and efficiency in home automation.

Technologies Used: RC Plane Mechanics, Servo Motors, Remote Control Systems



ACHIEVEMENTS & ACTIVITIES

Ranked **83rd** globally on **IEEE Xtreme 18.0 2024**, annual coding competition conducted by IEEE.

First Prize Winner in the Idea Pitching competition at PowerConnect+ 2023.

Organized major IEEE PES events, including the AKPESSC flagship event, R10 Global Workshop, and YP Conclave.

Coordinated the SPROUT Bootcamp at IEDC TBI@CE Adoor in 2024.

Volunteered for PROJECT: Instrument IT, a workshop funded by IEEE TryEngineering in collaboration with IEEE PES Kerala Chapter.

Hobbies : Researching, Gaming, Music.



KEY POSITIONS

- **Student Representative** - IEEE PES Kerala Chapter, IEEE Indian Council, Region 10 (2025-26)
- **Project Lead** - EcoWatt (IEEE PES MDI Proposal)
- **Former Membership Development Coordinator** - IEEE PES Kerala Chapter, Travancore HUB (2024-25).
- **Former Membership Development Lead** - IEEE SB College of Engineering Adoor (2024-25).
- **Former Membership Development Coordinator** - IEEE SB College of Engineering Adoor (2023-24).
- **Sports Secretary** - College of Engineering Adoor (2023 -25)
- **Former Student Lead 2-** IEDC TBI@College of Engineering Adoor (2024-25).



COURSES & CERTIFICATIONS

- **Cybersecurity Internship** - Technovalley Pvt Ltd (2024).