

# ARAVINDHAN R

Pondicherry, India

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 <https://github.com/AravindBaranitharan>

## Work Experience

### Beyos — Beyond Sustainability

Jul 2023 - May 2024

Full-Stack Intern

Remote – India

- Built a company dashboard and website using **JavaScript**, **CSS**, **HTML**, and **Tailwind**.
- Integrated **Firebase** for real-time data via API calls.
- Worked on **Research and Development projects**, creating flowcharts and implementing project plans.
- Developed **Machine Learning** and **IoT** solutions for hands-on Research and Development projects.

### IESkool (Formerly known as Infinite Engineers )

Jun 2023 - Oct 2023

Product Developer

Chennai, India

- Worked as a product developer to create an **IoT kit** designed to help students learn IoT.
- Developed a single **PCB kit** that integrates with multiple sensors for various use cases.
- Utilized **PCB designing** and **Arduino IDE** for development and testing.
- Tested the product with students and provided a comprehensive **user manual**.

## Education

### Sri Manakula Vinayagar Engineering College

2021 - 2025

Bachelor of Technology (B. Tech) in Information Technology (CGPA of 7.14)

Chennai, India

## Projects

### The Decors | *HTML, JavaScript, CSS, Bootstrap* | <https://thedecors.in>

- Developed a website for **The Decors**, a furniture-based brand.
- Utilized **HTML**, **JavaScript**, **CSS**, and **Bootstrap** to create an appealing and functional website.
- Ensured the website is **live and fully functional**, providing a seamless user experience.

### Kavalar Eye | *Flutter, Dart, Convolution Neural Networks, Python, Flask, Docker*

- Developed the Kavalar Eye mobile app in **Flutter** with **Flask** as the backend.
- Utilized CNN to train the deepfake detection model
- Collaborated with the team and developed deepfake model.
- **Dockerized** the AI models with **Flask API's** and deployed on **Hugging Face**.

### AURA MED | *Flutter, IoT, Arduino IDE, Fusion 360, Firebase*

- **AURA MED**: Pill dispenser designed to address **medical nonadherence**.
- Hardware features compartments to store and dispense tablets at proper intervals.
- Developed using **IoT** and **Arduino IDE** for hardware management.
- Utilized **Fusion 360** for product 3D printing.
- Implemented Firebase for real-time data synchronization with the **AURA MED application** built using Flutter.

## Achievements

- **1st Position** in the **Hackverse Hackathon** conducted by **PNB Metlife , India**.
- **1nd Position** in the **SOCIO-TECH** by **KPR Institution , Coimbatore**.
- **3nd Position** in the **HACK2LEAP'22** by **SRM , Chennai**.
- **Guest Speaker** - Bootcamp for emerging-tech for Brainy Blooms School.
- **1st Position** among whole college for Science Expo(around **2000+** participants).

## Profile Links

LeetCode, GitHub, Medium, Twitter

## Technical Skills

**Languages**: C, Javascript, Html, Css, Python, Mongo DB , Power-BI

**Technologies/Frameworks/Libraries**: Machine Learning, React.js, IOT , Web-Development , Firebase,

**Other**: Data structures , Machine Learning Algorithms , Generative AI(LLM's)