

# ARAVINDHAN R

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## Work Experience

### Zemuria | Kix News

Founder-in-Residence

Jan 2024 – Sept 2024

Remote – San Francisco, CA

- Developed and led the product **Kix News** to deliver unbiased news through comprehensive source collation and bias-checking.
- Created a news aggregation model using **Python, Gemini AI, Jina AI, and Selenium** for automated data collection from various sources and **RSS feeds**.
- Implemented **data preprocessing pipelines** to filter, validate, and categorize news content, enhancing the quality of news aggregation.
- Currently advancing the application through the **investment phase** for enhanced feature deployment.

### Beyos — Beyond Sustainability

Full-Stack Intern

Jul 2023 – Dec 2023

Hybrid – Chennai

- 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.

## Education

### Sri Manakula Vinayagar Engineering College

Bachelor of Technology (B. Tech) in Information Technology (**CGPA of 7.29**)

2021 - 2025

Puducherry, 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.

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

- Developed the Kavalor 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**.

**MySamantha.ai** | Machine learning, Gen ai, GPT-4 Fine-tuning, NLP

- Samantha AI** personal assistant focused on personal growth, emotional support, and productivity.
- Developed empathetic chat responses based on therapeutic research, aiding users in emotional wellbeing..
- Enhanced smart journaling and note-taking functionalities to provide users with AI-driven insights..
- Fine-tuned GPT-4 LLM** model for optimal response accuracy and personalized guidance.

## Achievements

- 1st Position** in the **Hackverse Hackathon** conducted by **PNB Metlife, India**.
- 1nd Position** in the **SOCIO-TECH** by **KPR Institution, Coimbatore**.
- 3rd 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, Next js, Tailwind

**Technologies/Frameworks/Libraries:** Machine Learning, CNN, Deep learning, IOT, Web-Development, API

**Other:** Data structures, Machine Learning Algorithms, Generative AI(LLM's), Fine-tuning models.