

YASHAVANTH L

RajaRajeswari College of Engineering

+91 9113987773 · yashvanthyuvi8055@gmail.com · [LinkedIn](#)
1ST Cross, Weavers Colony, Gottikere, Bannerghatta Road, Bengaluru - 560083.

PROFILE

I am constantly eager to **learn, innovate, and push the boundaries** of immersive technology. Looking forward to contributing my skills to impactful projects that **bridge the gap between the real and digital worlds**.

PROFESSIONAL EXPERIENCE

Software Developer Intern - AagnyaSoft AI Labs Pvt Ltd.

- Landed my first **internship** as a **Augmented Reality Developer** at **AagnyaSoft AI Labs**, which is a Start-Up, works on AR and AI Field.
- **Augmented Reality Development & Unity (C#):** Worked on **developing** an **AR-based navigation application** using **Google ARCore** and **Unity (C#)**. The application was designed to provide futuristic navigation assistance using **interactive AR animations**. Additionally, implemented **Location-Based AR**, enabling users to view **custom 3D animations** at specific geographical coordinates (latitude & longitude).
- **Google Cloud & Firebase Integration:** Worked on **Google Cloud Platform (GCP)** and **Firebase** to manage and retrieve **3D assets** in a Unity-based AR project. Developed expertise in handling **GCP storage buckets**, modifying access levels (public/private/individual), and **integrating** them with **Firebase services** such as **Authentication, Real-time Database, and Storage** for seamless data management.
- **Web-Based 3D & AR/VR Development:** Developed interactive **3D web experiences** using **Three.js**, integrating **WebXR** for **Augmented Reality** features and **A-Frame** for **Virtual Reality** interactions. Additionally, contributed to building a responsive **React-based** website for the company and developed a **WebXR-based IPL Cricket Scorecard**, displaying real-time match scores with immersive AR elements.

Programming Languages

- Python
- JavaScript (Node.js, Express.js)
- Three.js
- Unity (C#) intermediate

Machine Learning & AI:

- Machine Learning
- Artificial Intelligence
- Data Analysis

AR/VR & Web Technologies:

- Unity (C#) (Intermediate)
- ARCore
- Unity SDKs and Plugins
- WebXR (A-Frame, Three.js)

Web Development:

- Web Development (MERN Stack)

Roles & Specializations:

- Machine Learning Engineer
- Augmented Reality Developer
- Web Development (MERN)
- WebXR

EDUCATION & CERTIFICATIONS

B.E , Artificial Intelligence and Machine Learning

RajaRajeswari College of Engineering.

Passing year - 2024

CGPA - 7.67

Pre - University

Sudharshan Vidhya Mandir.

Passing year - 2020

Percentile - 64%

SSLC

ST. Joseph's Indian High School.

Passing year - 2018

Percentile - 72%

Robotics Workshop

SP Robotics

Internship

Completed my **First internship** in **DevMinds** as a **Machine Learning Engineer**.

- Learned how to work on **recommendation system** with **Real Time Datasets** from the industry expert.
- Built a **Restaurant Recommendation system** using **Streamlit** which **recommends the restaurants based on user rating** within the users location.

PROJECTS

- **Simple flame detector**, This project involves building a **basic flame detection system** using an **Arduino development board** and an **IR flame sensor**. The IR sensor detects infrared light emitted by fire, triggering the Arduino to activate an **alert system** (such as a buzzer or LED). This system is ideal for **early fire detection** in small-scale applications like homes, labs, or factories.
- **Dairy management system**, A **database-driven dairy management system** designed to efficiently **track farm products like milk, butter, and eggs** from clients. The system stores transactional records in a **database**, manages inventory, and **receipt generation** for customers. This project enhances **farm operations**, **streamlines data handling**, and ensures **accurate record-keeping** for dairy businesses.
- **Book recommendation system**, A **personalized book recommendation system** developed using user preference data. By analyzing users' preferred genres, the system suggests books tailored to their interests. This **solution recommends the books on top selling and reviews for the readers** who have recently, read the books.
- **Restaurant recommendation system**, A **smart restaurant recommendation system** that **suggests restaurants based on user preferences**, including **cuisine type, location, and ratings**. **By leveraging user data and filtering techniques**, the system provides personalized dining **suggestions, improving the overall food discovery experience**.
- **Image Tracking in AR**, Developed an **Augmented Reality (AR) project** using **MetaSpark** that utilizes **image tracking**. When the **AR system detects a specific marker**, a **3D model appears to greet the user**. This project **demonstrates interactive AR experiences**, commonly used in **marketing, education**.