

ADWAITH RAJESH

<https://github.com/Adwaith123>



Mail: adwaithrajeshlta@gmail.com.

Website: <https://adwaithrajesh.com>.

Mobile: +91 9188460672.

Experience

Rent & Drive | Project Architect

| 05/09/2022 – 10/03/2023 Ernakulam, India

Rent & Drive was a startup born from our capstone project and third-year design project. My friends and I chose to confront real-world challenges by undertaking a significant task: developing a mobile app and a computer vision program to simplify the process of renting cars and qualified drivers, while also addressing the difficulties associated with parking. This latter aspect presents substantial challenges during the implementation phase.

Although we ultimately had to discontinue the process of turning our idea into a company, we are sincerely appreciative of the insights we gained, which have better equipped us for the future. As we progressed, our startup evolved into an Idea Studio, where we regularly conducted discussions and debates aimed at refining our concepts and fostering new ideas.

This venture turned out to be a potent catalyst for us to realize our strength and teach us to work towards it. I fathom out my true potential in technical acumen and coordinative capability. Now, I have a clear path for guiding my choices in selecting the right domain.

Projects

Automated Parking slot allocation system | (Deep Learning & Computer Vision)

Designed and developed a system to make parking easier for customers using the aid of AI.

- This system leverages deep learning and computer vision to monitor parking slots.
- Initially, each slot is manually marked and labeled, creating a training dataset for the model. The trained model uses the YOLO algorithm to process live CCTV footage, identifying occupied and unoccupied slots in real time.
- This information is then displayed through a web application, providing efficient and accurate parking management.

Rent & Drive (Flutter) | Layout in Figma & mock-up with Balsamiq (<https://github.com/Adwaith123/rentanddrive>).

Designed and implemented a mobile app for both android and iPhone to solve the issue of Car rentals and Hiring Drivers, this app particularly solves 3 Problems,

- Our project connects car owners with unused vehicles to individuals needing a car.
- It enables long-term rentals, allowing owners to earn based on usage, and provides an option for renters to hire drivers.

- Drivers can create profiles by uploading their licenses and detailing their experience. This system optimizes vehicle utilization and offers convenient transportation solutions.

Face Detection Website

| **July 2021 — October 2021** | <https://tinyurl.com/pbf4fszz>.

- Worked full-stack on a project to allow users to upload an image URL and detect faces inside of it. The goal was to get an introduction into working with web development and full-stack technologies especially in react.

- Technology: React, CSS, NodeJS, PostgreSQL, Heroku, Clarifai (REST API).

Skills.

Skills

HTML & CSS | **JavaScript** | **React.js** | **Node.js** | **PostgreSQL** | **Python** | **Figma** | **Mockup's** | **Linux Server** |

Version Control | **GitHub** | **Jupyter Notebook** | **NumPy** | **Matplotlib** | **Scikit Learn** |

Education

APJ Abdul Kalam Technological University,

Ernakulam, Kerala

Bachelor of Technology in Computer Science

August 2022

- Coursework: Operating Systems, System Architecture, Data structures and Algorithms, Web-Programming, Software Engineering and Project Management.

- Participated in Coding Workshops specializes in Web-Apps