



YuvanShankar V

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EDUCATION

B.tech

Electrical and Electronics

VIT University

Sep 2020 – Present

8.34 CGPA

Higher Secondary School, STATEBOARD

Sri Sankara Vidhyashramam, Chennai, India

2020

88%

Secondary School, STATEBOARD

Sri Sankara Vidhyashramam, Chennai, India

2018

92%

PROJECTS

Automatic Door Opening System

Apr 2021 – Jun 2021

An automatic door opening and closing model which operates whenever a motion is detected.

IoT based Energy Meter

Sep 2021 – Dec 2021

Its basically a Energy meter whose data is sent and monitored through cloud. Also it sends a alert when the consumption of load reaches a threshold value.

Number Plate Recognition

Jan 2022 – Apr 2022

Developed a model that can recognize the number plate of a vehicles using Machine Learning.

Temperature Controlled Fan

Jul 2022 – Nov 2022

A Temperature Controlled Fan whose speed is controlled according to the temperature detected from sensor using PWM.

Movie Searching WebApp

Oct 2022 – Oct 2022

Its a Movie Searching WebApp based on ReactS using a WebAPI.

Quartic Boost Converter

Aug 2022 – Present

Designing a high gain dc-dc converter with quartic gain to convert 18v from PV panel input to 400V standard dc bus at a low duty cycle and to achieve closed loop voltage regulation to get 400V dc even with variations in input voltage

SKILLS

Front-End Web Development

Intermediate

Microsoft Excel

Expert

Microsoft Powerpoint

Expert

Content Writing

Intermediate

Python

Intermediate

Java

Intermediate

C/C++

Intermediate

HTML

Expert

CSS

Expert

JavaScript

Intermediate

React JS

Intermediate

Internet of Things

Intermediate

R programming

Digital Design

Neural Network

Machine Learning

Field Programmable Gate Array Design

LANGUAGES

English

Advanced

IoT based Smart Waste Segregation System

Aug 2022 – Present

Designed a model for smart waste segregation improvised with IOT and cloud integration which mainly aims to segregate metal, non-metal, wet, dry and biodegradable wastes. Expected accuracy of 95-97%

Tamil

Advanced

CERTIFICATIONS

CSS & JavaScript Course

Udemy

6 Jul 2022

The Complete ReactJs Course

Udemy

21 Jul 2022

UI/UX

Great Learning

Jul 2022

Google Analytics for Beginners

Google

Oct 2022

Python

NPTEL

Oct 2022

HOBBIES

Learning new skills

Reading

Theatre

Workout

PERSONAL SKILLS

- Possesses great analytical and problem-solving skills. Ability to think rationally and thoughtfully.
- Good at organizing tasks and projects in a structured manner.
- Have an ability to focus and pursue a goal or activity with ruthless drive.

EXTRA-CURRICULAR ACTIVITIES

- Participated in the competition of drawing and sketching organized by Industrial Waste Management Association in the year 2012.
- Participated in the competition of drawing and sketching organized by Science City, Chennai in the year 2013.
- Participated in the competition of oil painting organized by LALIT KALA AKADEMI in the year 2014.
- Volunteered with BALA JANAAGRAHA in the year 2016.
- Member of Tamil Arts & Literature in the year 2022.

Declaration:

I hereby confirm that all the details furnished above are authentic and accurate to the best of my belief.