GANESH.K.S

Final Year
Mechanical Engineering

Objective:

I am a passionate self driven person who like to explore technology. I like to involve in projects and help people out with motivation and help from my part.

Education:

• Bachelor's degree
Sri Eshwar College of Engineering.
(2018-2022)
Score - 7.3(CGPA)

• Higher secondary schooling
Dr. V. G N Matric Hr. Sec school.
(2015-2018)
Score – 73.5%

• Primary and secondary schooling
N M C Matric Hr. Sec school.
(2015)
Score – 85.6%

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Projects

ENHANCED AR

- I made an real time interactive AR with Physics Based Rendering.
- This provides reflections and postprocessing effects like RIM.
- It is made possible with an simpledevice with 360-degree camera device.
- The device captures ambient lighting and reflection data.

IMPLEMENTATION OF IoT ON VEHICLE PAYLOAD MONITERING

- We used load cell to measure electric vehicle payload of E-Vehicle.
- This data is send to the AWS cloud via wifi.
- It enables engineers to check battery warranty and useage.
- This is also constantly monitored and displayed on vehicle dashboard.
- In case of overloading, an notification is sent to the user's mobile.

Extra-Curricular Activities

MENTORING :

I did mentor for juniors and seniors for two years.
During theperiod, I learnt how to handle different minded students and helped them to overcame stage fear.

CLASS REPRESENTATIVE :

I was the class representative during my college first year.
Responsibilities meant a lot during that time.

PROJECT COORDINATOR :

I volunteered myself as the project coordinator on my firstyear project(enhanced AR). At the end, we learned the real meaning of books and selflearning.

Achivements And Certification

ROBATICS CAMP :

Attended robotics camp conducted by Akshaya college during my school holidays and we made and an robotic arm.

PROJECT EXPO :

Our team won first place in college level project expo for the project Fluid Mechanics Kit.
COURCES : Ongoing NPTEL course on robotics .

Softwere Exposure

PARAMETRIC MODELLING :
CONCEPT MODELLING :
ANALYSIS : Ansys
OFFICE PACKAGE :
PROGRAMMING LANGUAGES :