

Shreyas R

1 Introduction

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2 Carrer Objective

As a research enthusiast, I have never stopped exploring newer domains. An electronics and communication engineer,aiming to pursue a career in VLSI or embedded systems. Worked on various research projects while simultaneously managing academics.

3 Education

Table 1: Education

Course	Board	Institution	Year of passing	Aggregate
BE 1st Year	PES University	PES University	2018	9.23(CGPA)
BE 3rd Semester	PES University	PES University	2018	9.18(CGPA)
12th	Karnataka PU Board	VVS Sardar Patel PU College	2017	94.83
10th	ICSE	Sri Vani Education Center	2015	92.83

4 Projects

1. Audio-Video Transmission Using Li-fi.
2. Data communication using ultrasonic sound.
3. E-Yantra Robotics competition.
4. Theoretical model for Collision Avoidance of debris for nano-satellites (Student Competition)
5. Helmet and mask recognition in real-time using Tensorflow.
6. Soccer robot.
7. Density based traffic signal using 8051 microcontroller and IR sensors.

5 Training and Internship

- IOT workshop conducted by i3indya.
- Training at Visio Ai(Start-up), worked on helmet and mask recognition.

6 Research and Publications

1. Applied for a conference for paper presentation on Audio and Video Transmission using Li-fi.

7 Technical Skills

- Programming Languages : Java , C , Python.
- Softwares Learnt : MATLAB, Eagle PCB design, Tensorflow.
- Worked on Arduino,Raspberry pi and 8051 Microcontroller.