

SURENDRA BHARATH PALLE

Website: surendrabharath.com

Career Objective

I am passionate about solving problems and converting ideas into real products. with 5 years of experience in product design, including concept development, designing, robotics.

I have always been a creative person, and I am fascinated by many opportunities for designing products that can improve people's lives



EDUCATION

IIITDM Kancheepuram

2015 - 2019

B.tech - Mechanical design and manufacturing

Activities: Manager of Robotics club (2017 - 2018).

SKILLS



Fusion 360

Arduino

Luxion Keyshot

Autocad

Python

3d printing

Achievements:

- National recognition for my bracelet design by Autodesk.
- Won 1st prize in robotics competition in our college.
- Won 1st prize in swatch bharat themed 3d design challenge.

EXPERIENCE

Futuristic labs | Area Product Owner

July 2019 - present

► **Riku – Automatic rice and curry maker**

- Developed products and systems from initial concept to production ready state.
- Identified technical problems and provided innovative and creative solutions.
- Generated alternative solutions and took reasonable risks while solving technical problems.
- Took ownership of the subsystems and managed the project.

► **Automatic cocktail maker**

- Design and development of complete automatic cocktail machine.
- Designed PCB, wire lining, and backend coding of the cocktail maker.

Final year Project - 2019

► **Automatic hot Sandwich maker / vending**

- Developed from complete Concept to prototype stage including electronics and coding by myself.

Intern at CPDM, IISC Bangalore

May 2018 – Nov 2018

Guidance: Prof. Gurumoorthy

► **Design and prototyping experimental kits in Physics for classes 11th and 12th .**

- We as a team of 2 members worked on Ray Optics and Total internal reflection experimental kits.
- Designed and fabricated the kit with the constraints of Low cost, Easily manufacturable, Easy to assemble, Easy available materials in village also.
- Our Design kit is in the process to file for a patent.



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