

ARAVINDH M

B.E MECHATRONICS



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Address

3/444, Annamalaipatti, Navalai,
Harur, Dharmapuri(DT)
Tamil Nadu
Pincode - 635 305

Skills

- AUTO CAD
- Solidworks
- fusion 360
- Catia
- Arduino programming

Language

- Tamil
- English

Area of Interest

- Designing
- Manufacturing and Fabrication
- Underwater vehicle
- Problem Solving

About Me

Looking for a challenging role in a reputable organization to utilize my technical and management skill for the growth of the organization as well as to enhance my knowledge and skills.

Education

2020-2024

Bannari Amman Institute of Technology
B.E Mechatronics

I am currently doing my bachelors degree as an mechatronics with an CGPA of 8.3 (upto 5th sem)

2015-2018

2018 - Muthayammal Polytechnic college(DME)

I have completed my Diploma with a percentage of

91 Percentage

2014-2015

2015 - Kongu Matric Higher Secondary School

I have completed my Secondary Education with a percentage of 69.8 percentage in State Board

WORK EXPERINCE

BREAKS INDIA PVT LTD

09/2018 - 09/2021

Role: Quality Analyst

- Examined the brakes on automobiles
- Evaluated and recorded the faults discovered during inspection
- Made a thorough report on the inspection.

PATENTS FILED

- INTELLIGENT UNDERWATER ROBOTIC VEHICLE

Certificates

Competition

Singapore AUV Challenge 2022

Won 3rd place in the International level Autonomous Underwater Vehicle challenge conducted by IEEE OES ,NUS and Singapore Polytechnic in Singapore.

Competition

Robocon 2022

Participated in the national level Robotics challenge conducted by IIT Delhi for Asian-Oceanian college robot competition, organized internationally by Asia-Pacific Broadcasting Union

Competition

IIT TECHFEST COZMO CLENCH

Participated in COZMO CLENCH Competition Conducted by IIT Bombay.

Conference

NIC ICETElOT - 2022

Participated in ICETElOT 2022 conference and conducted by NIC.

Certified Courses

- FRONT END DEVELOPEMENT

Hobbies

- Listening to Music
- Gardening

Projects

UNDERWATER ROV

Underwater ROV is an remotely operated vehicle, which is meant for search and rescue, inspection and military appliances like ocean mapping and surveillance.

Duration: 60 days.

Role: Mechanical Team Member. Responsible for designing and fabrication of ROV

AUTONOMOUS UNDERWATER VEHICLE

Autonomous Underwater Vehicle is an unmanned vehicle, which is meant for inspection of underwater below 250m and to record the sound of sea creatures.

Duration: 90 days.

Role: Mechanical Team Member. Responsible for designing and fabrication of AUV

AQUA BOT

Aqua bot is a semi autonomous river cleaning bot. It is employed to clean floating wastes in water bodies and to monitor the water parameters using IOT.

Duration: 30 days.

Role: Mechanical Team Lead. Responsible for designing and fabrication of aqua bot.

PICK AND PLACE BOT

Pick and Place bot is employed in disaster sites to provide medicines, food and water to victims and used in industries applications where human

Duration: 30 days.

Role: Mechanical Team Lead and software team lead. Responsible for designing and fabrication of pick and place bot.

Declaration

I assure that all the information I have included is correct to the best of my knowledge

Date :

Place : Sathyamangalam