




# SHREE BALAJI L


Mechanical engineering student


A perseverant student who is all set to take up challenges, learn new things and implement solutions in all best ways possible thereby contributing to the organization's growth and thus enhancing myself.

## CONTACT

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 **GitHub**  
<https://github.com/Shrel>

## EDUCATION

2020 - present

CGPA - 8.88

Bannari Amman institute  
of technology

2020

**HSC - 72.5%**

BAVN matriculation higher  
secondary school

2018

SSLC - 95%

SRC memorial matriculation higher  
secondary school

## TECHNICAL SKILLS

C, C++ (Intermediate)

Java (Intermediate)

Html, CSS, Javascript (Intermediate)

NodeJS, ExpressJS (Intermediate)

MongoDB (Intermediate)

ReactJS (Basics)

Python (Basics)

Machine Learning (Basics)

PLC programming (Intermediate)

Autodesk Fusion 360 (Basics)

Solidworks (Intermediate)

ANSYS - APDL (Intermediate)

## ACHIEVEMENTS

1) Runner up in Smart Makers Festival - 2021 (DEC)

**About :** Project competition organized by IEM and UEM, which concentrates on innovations and creations.

**Role :** Components-assembler

**Team size :** 15

2) Finalist in ABU ROBOCON - 2022 (AUG)

**About :** It comprises of three stages

- Design
- Prototype
- A one vs one game of playing "lagori" using two robots.

**Role :** Component assembler

**Team size :** 8

## PROJECTS

1) **G-ONE SAVER, POLLUTION CONTROLLER**

**About :** A Mechanized green house for purifying polluted industrial air into industrial usable Oxygen.

**Role :** Component assembling, Design and Production.

**Team size :** 15

2) **VsChess**

**About :** A 1 vs 1 chess website which helps players to play chess build using HTML, CSS, JS, NodeJS, ExpressJS and MongoDB.

**Role :** Developer

**Team size :** 3

3) **Ekart**

**About :** A e-commerce website build using MERN stack

**Role :** Backend-Developer

**Team size :** 2

## AREAS OF INTEREST

DSA / Problem Solving

Automation

Web Development

## LANGUAGES

Tamil - (R,W,S)

English - (R,W,S)

German - (R,W)

## PERSONAL SKILLS

Leadership

Communication

Time management

Teamwork

## ONLINE COURSES

Computer Integrated  
Manufacturing - NPTEL

Data Structures and  
Algorithms - UDEMY

Joy of computing using python  
NPTEL

## EXTRA-CURRICULAR

Anna University zonal winner (CHESS)

Worked as volunteer for organizing  
Blood donation camp

Actively participated in various  
club events

- Seedball Distribution
- Anti-plastic rally
- Chess orbiter

### 4) Border surveillance

**About :** A surveillance system which is used to monitor the border areas build using GSM module,Arduino UNO, Ultrasonic sensor.

**Team size :** 6

### 5) AI based Attendance system

**About :** Using Python, Open CV and Face recognition this project will recognise student's face and mark the attendance.

**Role :** Developer

**Team size :** 3

## INTERNSHIPS

1) **Company :** G-ONE SAVER PVT LIMITED

**About :** which we developed our project into a working model

**Duration :** 60-days - April to June, 2022

**Location :** NSN, Coimbatore.

2) **Compay :** TECHVOLT PVT LIMITED

**About :** Buliding a taxi booking web application(Front end)

**Duration :** 15-days - DEC, 2021

**Location :** Sai baba colony, Coimbatore.

## CO-CURRICULAR

1) Student trainer :

Helped students to gain knowledge in C programming.

2) Patent filing :

Filed a patent, titled "Advanced cooling pad for gaming laptops".

**Tools :** Solidworks and ANSYS.

## DECLARATION

I, hereby declare that all the facts given above are genuine to the best of my knowledge an belief.

Date : 05.03.2023

Place : Sathyamangalam



Shree balaji L