

# Sajad Hussain Malla

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## Education

### Cochin University Of Science and Technology

Bachelor of Technology[Computer Science Engineering]

GPA: 3.33

Relevant coursework: C,C++,OOPS,ICPS,Electrical and Electronic Systems

South Kalamassery,Ernakulam ,Kochi,Kerala

Year of Graduation:2027

### Govt.Boys Higher Secondary School,Magam,Budgam,Jammu and Kashmir

Was ranked 10th among 1200 students in my School

Got Introduced to the basics of Engineering especially Computer Science

Scored :423/500(State Board,JKBOSE).

Coursework:Physics ,Maths,Chemistry

Budgam, Jammu and Kashmir

2022

## Skills

- Interpersonal Skills
- C
- C++
- Front-end Web Development (Basic).
- Operating Systems(Windows\Linux)
- Oral Communication
- Google Certified Cyber Security Analyst(Coursera)
- Python(Basic).
- Basic knowledge of SIEM tools
- Critical Thinking
- Network Defence and Packet Analysis(Wireshark\Nmap)
- English

## University Projects

### [GeminAI[object detection based PPE detection machine learning model]

24-26 nov 2023

- Description: With help of my team we made a machine learning model based on safety equipments detection .Like Hardhats,Vests ,Safety Glasses.
- Tech Stack used:Yolov8n,Roboflow,Django,Python,Data sets from Roboflow.
- Got approval from BPCL,and HP during our college Tech fest "Dhishna".
- Model used to ML to detect whether safety equipments are on during the work ensuring safety to workers and notifying the concerned supervisor accordingly

## Experience

### Hackathon [Inkrit 2.0,MES college ,Aluva,Kerala]

FEB 20,23 2024

- Description: "Project name :**BINIFY**"24 hour long hackathon at MES college ,Aluva ,Kerala
- Skills Developed:Made a Web based platform based on Circular Economic Generation , Integrated Object detection model with robotic arm for the **e-Waste segregation**
- Achievements:Our team "**TEAM CUSAT**" were declared as **WINNERS** of the hackathon with a cash prize of **10k**.

### Hackathon [GistAthon,SNGIST, Kerala]

- Description: "Project name :"**Data Bot**"That uses gemin API for getting Data from Database without much knowledge of database .One Can give common prompts and get the data from database and can even manage DB from common prompts using LLM .
- Achievements:Our team "**TEAM CUSAT**" were declared as **Runners**.

### Hackathon [Code reCET,CET ,Trivandrum, Kerala]

- Description: "Project name :**ARGUS**"36 hour long hackathon at CET,Trivandrum ,Kerala
- Skills Developed:Made a Web and app based platform based on Safety equipments Object detection , Integrated Object detection model with App that can give notification to the supervisor for the any worker detected without the safety and many more
- Achievements:Our team "**TEAM CUSAT**" were declared as **WINNERS** of the hackathon with a cash prize of **50k**.

## Additional

**Language Skills:** *English,Urdu,Hindi* (Proficient in all Reading,writing,and Listening).

**Volunteer Experience:** *Team Lead for Tech fest Dhishna , Team CUSAT ,College cultural fest Sargam*

**Interests/Hobbies:** Coding ,Cyber security testing ,Certifications(PJPT,PNPT),Soccer.