







## S. Sarath Adhithya

PROGRAMMER AND DEVELOPER

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-  <https://github.com/SarathAdhi>

### OBJECTIVE

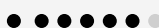
Seeking a position in a competitive environment that would challenge me to push my boundaries and expand my knowledge in this field of computer science.

### SKILLS

C++



C



HTML & CSS



PHP



PYTHON



SQL



## EDUCATION HISTORY

**B.Tech Computer Science**  
with specialized in AI &  
Robotics

(2nd year) Sep 2020 - Sep 2024

Vellore Institute of Technology, Chennai

**12th - Computer Science**

Jun 2019 - Mar 2020

St. Johns Public School, Chennai

**10th**

Jun 2017 - Mar 2018

St. Johns Public School, Chennai

## PROJECTS

### AUTOMATED WATER IRRIGATION SYSTEM

June 2021

- I used Arduino and c++ for this project. How it works is, if there is no moisture found in the soil, it will turn on the water pump automatically.
- The first-ever project I have done in my college.

### ROBOTIC ARM WITH OBJECT DETECTION USING OPENCV

October 2021

- I used Arduino, c++, and python for this project. How it works is, if it detects any waste plastic or paper it will self-drive and pick it using a robotic arm. OpenCV is used for object detection.

### BOOK RECOMMENDATION WEBSITE

November 2021

- In this project, I made a real BOOK RECOMMENDATION WEBSITE website using HTML, CSS for the frontend, and PHP for the backend. Used my own ML algorithm using PHP to recommend books for the users.
- <https://holdyourbook.herokuapp.com/>

## EXTRA-CURRICULAR ACTIVITIES

- Cricket
- Video editing
- Programming