MADHWESH ANAND

Currently studying B.TECH in BIT Mesra , Ranchi (2018-2022)

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EDUCATION

Birla Institute of Technology, Mesra ,Ranchi ,Jharkhand

Aug 2018 --- 2022(expected)

Studying engineering in college with Information Technology as my branch .

Sree Ayyappa Public School, Bokaro Steel City ,Jharkhand

May 2016 - March 2018

Completed my class 12th board exam in 2018 - 90% .

Bokaro Ispat Vidyalaya, sec-6/A, Bokaro Steel City ,Jharkhand

April 2006 - March 2016

Completed my 10th class board exam in 2016 - 9.6 CGPA .

PROJECTS

1. My personal blog site at - https://storiesbyme.xyz
2. Bluetooth controlled Quadruped Bot - A 4-legged robot that shows basic movements shown by animals by implementing "CREEP and TROT Gaits" .
3. Hostel Room Automation - Automated my hostel room to turn light ON ,OFF , Change Colors as per commands from my phone (bluetooth) or waving hand near a certain ultrasonic sensor ,also automated dustbin and fan .
4. ABU-ROBOCON 2020 -Made 2 robots : Pass ROBOT and Try Robot as per the problem statement .Team Project by Robotics club of our college .
5. Fully Automated Pick and Place Robot - The robot traces a graph , picking particular objects on the way and placing them in certain boxes implemented via BFS algorithm for shortest path .This was a project for E-Yantra Robotics Competition and made as a team of 4 members .

SKILLS

Android Development ,WEB Development front end, JAVA, C, C++, Arduino IDE, Embedded C ,SolidWorks for 3d Modelling , 3d Printing .

AWARDS

Scored 94/100 in 1st phase for Robocon 2020 (CAD and mechanism evaluation) .

8th Rank in Construct-o-bot theme in E-yantra Robotics competition 2019-20 .

IMO and NSO - 1st Prize at school level in classes 6,7,9,10 .

Ideal Student Award by SAIL - in class 9 .

Football captain at school in 9,11,12 - 1st prize in 12th class.

LANGUAGES

English ,Hindi ,German