

Yukta Dodia

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Education

BE IN BIOMEDICAL ENGINEERING

2020 - 2024

L.D. College of Engineering, Ahmedabad, Gujarat , India

Biomedical Engineering Department, 7.9 SPI course This course consists of the integration of embedded systems and sensors with biological signals to form instruments.

SCHOOLING

2019 - 2020

Maharaja Agrasen Vidyalaya, Ahmedabad, Gujarat , India

80% in Physics , chemistry and Math curriculum

Professional Experience

Bangalore, India

Hardware Developer

ThinkfinityLabs Pvt.Ltd

Worked with different types of embbed boards like Arduino MEGA, STM32 , ESP32, etc.

Had experience in MQTT & AWS.

Developed Android Apps using flutter programming.

Worked on 3+ projects till time.

Ahmadabad, India

TEAM NAVGATI RATH

L.D. College of Engineering, Ahmedabad, Gujarat , India

In the Smart India Hackathon 2022 Hardware Edition in Benguluru, Reva University, we have won the hackathon in the field of robotics and drones.

I have managed the hardware of the robot and did some coding of interfacing the ultrasonic sensors with AVR microcontroller

Ahmadabad, India

Hardware Developer

ROBOCON LDCE TEACHNICAL TEAM

My responsibilities were coding and hardware of "R1" robot in Robocon 2022 theme.

Our team got selected for nationals in DD Robocon held in Delhi 2022.

Awards

2022

Smart India Hackathon 2022 , Hardware Edition

winner of the Smart India Hackathon 2022 Hardware Edition at REVA University, Bangaluru, Karnataka, in the field of robotics and drones.

Skills			
AVR	● ● ● ● ●	C Programming	● ● ● ● ●
MQTT	● ● ● ● ●	Python Programming	● ● ● ● ●
Embedded System	● ● ● ● ●	C++	● ● ● ● ●
SPI,I2C	● ● ● ● ●	Arduino	● ● ● ● ●
Raspberry pi pico	● ● ● ● ●	ESP	● ● ● ● ●

Hobbies		
Karate Karate has been a part of my life since childhood. I have achieved many accomplishments in this field.	Internet Surfing I like to surf the internet to get new knowledge about the latest technologies, which helps me stay updated.	Learning new Programming Language As technology advanced, I learned new programming languages that assisted me in working in various fields of technology.