

Shrutika Devanpalli

Electronics and Telecommunication Engineering

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EDUCATION

Electronics and Telecommunication Engineering

Walchand Institute of Technology, Solapur

01/2021 - 05/2024

CGPA

- 9.6

HSC

Walchand college of Arts and science, Solapur

08/2018 - 02/2020

Percentage

- 73.85%

SSC

BMP Kannya Prashala

06/2017 - 03/2018

Percentage

- 90%

WORK EXPERIENCE

IoT Internship

Emertxe Information Technology

11/2022 - 12/2022

Achievements/Tasks

- Role : As Intern

- Worked on Home Automation project

Solapur, Maharashtra

Robotics Trainer

PHN Technology Private Limited

01/2024 - 12/2024

PHN Techno LAB

Achievements/Tasks

- Role : As Robotics Trainer

Robotics Curriculum Planner

K12 techno Service Pvt Ltd

01/2025 - 12/2025

Achievements/Tasks

- Robots Building : Racer Bot, Pick and Place Bot, Line Follower Bot

OPERATING SYSTEMS

Windows

Basic Linux

SKILLS

Basic c

Core Java

HTML

IoT

Azure

ESP8266

Sensors

Arduino

Arduino coding

SPI

I2C

UART

PERSONAL PROJECTS

AUGMENTED REALITY WITH IoT (05/2023 - 06/2023)

- This project is based on both Hardware and Software. In the hardware part we have made the connection of Esp32, Relay and bulb and generate the API through Blynk IoT. This API is passed in virtual Button which is created in software called Unity.

ATM APPLICATION USING JAVA (05/2023 - 06/2023)

- The application of Automated Teller Machine provide the basic functionalities like checking balance, withdrawing money, depositing money, and exiting the application with JDBC connectivity.

HOME AUTOMATION

- In this project, we control the Garden lights, Temperature Control system and inlet and outlet valve of Water tank virtually using arduino Uno.
- Tools : Arduino IDE, Blynk IoT app, Picsimlab Simulator, Virtual Serial Port.

BLUETOOTH CONTROLLED CAR (04/2024 - 05/2024)

- A Bluetooth-controlled car using Arduino is a remote-controlled car that uses Bluetooth technology to receive commands from a smartphone or other device and wirelessly control the car's movement.

RACER BOT USING PS2 CONTROLLER (01/2025 - 02/2025)

- Developed and programmed a racing robot using a PS2 controller and BTS7609 motor driver for real-time control and efficient motor management. Implemented precise movement with forward, backward, right, left, forward-right, forward-left, backward-right, and backward-left directions for dynamic and responsive performance.

CERTIFICATES

Java Object Oriented

<https://www.linkedin.com/learning/certificates/c56911c8bd268c4922ad674cce2a1e0359c8181e1dff810a588803bffb85adb4>

Microsoft Certified: Azure Fundamentals

https://www.credly.com/badges/a7117bc0-8cef-49d7-830f-90158bc20cfe/public_url

LANGUAGES

English, Hindi, Marathi, Telugu

Professional Working Proficiency