

Dhairya Vyas

Electronics & Communication Engineer

Career Objective:- To work in an organization that provides me with ample opportunities to enhance my skills and knowledge along with contributing to the growth of the organization.

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🐙 github.com/dhairya-vyas

EDUCATION

B.E. in Electronics & Communication Engineering

VVP Engineering College, Rajkot

08/2019 - Present

Rajkot, Gujarat

1st - 12th Standard

Kokilaben Dhirubhai Ambani Vidyamandir

03/2007 - 04/2019

Jamnagar, Gujarat

PROJECTS

1) IOT based Smart Farming Project (2021)

- Using ESP32 & sensors like Soil Moisture Sensor and Temperature Sensor.
- Enabled Mobile Connectivity to monitor Soil Moisture and Temperature.

2) Arduino and IC based Toycathon project (2021)

- Made a Smart Toy Train which explains various Historical Monuments of India.
- Using Arduino Uno, RFID Reader & RFID Tag, and Custom IC for Audio output.

3) Fire - Safety Alarm System (2021)

- Made an App-based Fire Safety Alarm System with the help of Bolt - IoT.
- Using their custom Bolt Module & Buzzer.

4) Line Follower Robot (2019)

- Made a mobile machine that can detect and follow the line drawn on the floor.
- Using Arduino Uno, IR Sensor & L293D Motor Driver IC.

WORK EXPERIENCE

Core Team Member

Google Developer Student Clubs

08/2020 - 07/2021

Achievements

- Selected as a Developer Student Clubs Core Team Member by Google DSC College Lead.
- Joined with a team of 30+ developers to plan and execute events, workshops, and community gatherings for over 300 students during the academic duration.

SKILLS

HTML

CSS

JAVA

JAVASCRIPT

C Language

Python

Embedded Systems

VLSI

IoT

CERTIFICATES

• Internet of Things & Machine Learning Certified course from Bolt - IoT

ACHIEVEMENTS

• Reached at Grand Finale level in Toycathon (2021)

• Volunteered at Vikram Sarabhai Centenary Programme organised by ISRO. (2019 - 2020)

• Bagged 2nd Rank in Mental Aptitude Test conducted by college. (2019 - 2020)

EXTRA-CURRICULAR ACTIVITIES

• Organizing Head (EC Department) (2022)

Farewell Party

• Event Management Committee Member (2022)

Organized Annual Day

LANGUAGES

English

Full Professional Proficiency

Gujarati

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Exploring New Gadgets

Driving

Cycling

Photography