

Janavi Patel

S T U D E N T

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ABOUT ME

A good learning experience is the key for me to develop my technical knowledge and make my step to my goal.

EDUCATION

2014-2015 / S.S.C(GSEB) - Nalanda School, Ahmedabad

2016-2017 / H.S.C(GHSEB) -Nalanda School, Ahmedabad

2017-2021 / B.E C.E - LDRP-ITR, Gandhinagar

PROJECTS

1.VEHICLE MONITORING AND PARKING SYSTEM

(DECEMBER, 2019 - AUGUST,2020 SMART INDIA HACKATHON-2020)

Technologies: Python , Yolo, Tesseract-OCR , Postgre SQL

- Developed automated vehicle management and parking system using deep learning.
- Trained Yolo model for the object detection and OCR.
- Connected this with Django Backend and developed REST API for this system.

2.ARDUINO BASED HAND GESTURE CONTROL FOR COMPUTER

(DECEMBER, 2019 -MARCH,2020, TEAM PROJECT IN COLLEGE)

Technologies: Arduino UNO, Ultrasonic Sensor

- It is based on specifying hand position from the ultrasonic sensor.
- Via USB connection the microcontroller(used to process raw data) transfers the data value which is provided by the sensor to pc.
- The ultrasonic sensor continuously emits sound and it gets reflected back from the user's hand.
- The distance between the sounds is send and detection of reflecting back sound wave is calculated by the micro-controller.
- Then data is matched with the predefined conditions (gesture resolution).

LANGUAGES

Python, SQL,
HTML/CSS/JS, C/C++

AREAS OF INTEREST

Machine Learning
Artificial Intelligence
Deep Learning
Data Science
Data analysis
Website Development

TOOLS AND TECH

Django Framework • PostgreSQL
Firebase(NoSQL) • Yolo Custom
Detection
Wordpress • Google analytics

3.SMART ATTENDANCE SYSTEM USING FACE RECOGNITION

(JAN, 2020 - MAR, 2020, TEAM PROJECT IN COLLEGE)

Technologies: Python, OpenCV

- Worked in a team of 3 to implement LBPH and SVM algorithms to automate attendance using facial recognition. The system had acceptable accuracy to implement it on the college level.

INTERNSHIP/CERTIFICATES

- Work as Jr. web developer at HARAXY TECHNOLOGIES PVT. LTD.
- Work as Jr. Data analyst at KRAMIT INFOTECH PVT. LTD.
- Selected for the grand finale of Smart India Hackathon-2020 out of 163 teams only 5 teams were selected from all over India held in July-2020.
- NPTEL Python data science with a score of 92%.

EXTRACURRICULAR

- Managed a small part of event in our annual college technical fest.

HOBBIES

Swimming, Travelling, Solving puzzles, Cooking,

