

Aditya Gor

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EDUCATION

Parul University

Bachelor of Technology in Computer Science & Engineering

Vadodara, Gujarat

Jul. 2019 – Mar. 2023

St. Xavier's High School

HSC (Science)

Bhuj, Gujarat

Jun. 2018 – Mar. 2019

PROJECTS

Automation in Irrigation & Crop Recommendation | *Arduino, PHP, MySQL, Express.js, Python*

- User can operate a motor remotely through webpage. The system consists of an IoT module consisting of DHT11 and Soil Moisture sensors connected to NodeMCU for WiFi. Stores, displays sensors' data, plots graph all in real time and download readings as a CSV file.
- A Machine Learning based Crop Recommendation System that works using K-Nearest Neighbors algorithm predicts the most suitable crop based on relevant soil and environmental parameters. Used PySimpleGUIWeb library for the user interface. ([View](#))

Exercise Tracker | *MongoDB, Express.js, React, Node.js*

- This Web App stores and displays details like exercise type, total duration and date. A Stopwatch keeps track of the total duration (in minutes) of the exercise.
- Users can listen to a workout playlist right from the app. Did authentication using auth0. ([View](#))

Retro Games | *HTML, CSS, JavaScript*

- Play 6 single player computer games on your browser. Games featured are Memory Game, Whac-A-Mole, Breakout, Space Invaders, Snake and Pac-Man. ([View](#))

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript

Frontend: HTML, CSS, Bootstrap, jQuery, React

Backend: PHP, Node.js, Express.js

Databases: MySQL, MongoDB

Version Control: Git