

A passionate programmer and an active learner.

EDUCATION				
Year	Degree	University/Board	Institute	Percentage / CGPA
2019-2023	Bachelor of Technology (Minor in Mathematics)	Ahmedabad University	School of Engineering and Applied Sciences	3/4.00 CGPA
2019	HSC (Science)	GSHSEB	S.S. Divine School	70%
2017	SSC	GSHSEB	The HBK New High School	91 %

CONTINUING EDUCATION		
Certifications	30 Days of Google Cloud In this we were being given an overview of the labs work and after that we had to perform hands on and complete the specified the lab within the allocated time slot.	Sept 2020
Certifications	IBM Quantum Computing Qiskit Fallfest'21 Secured first rank in this in which we had developed a variational quantum circuit which could generate a list of unique random numbers by only executing two cubits.	Oct 2021
Certifications	Tata Imagination Challenge A problem statement was given for which in the first stage we had to present our idea then in the next step rough model and at last stage a final draft in which we got lost in the final draft.	Jan 2022

EXPERTISE	
AREA OF INTEREST	<ul style="list-style-type: none"> • Web Development • Python 3 • MS Office

INTERNSHIP	
Under Graduate Research Intern - Stress and Emotion detection using brain signal and AI Ahmedabad University, Ahmedabad, Gujarat / Jan 2022 – Present	
Review of Company Performance	The mental stress in human beings causes a change in the brain signal pattern which can be sensed by EEG sensors. The brain signals can be suitably processed by signal processing and AI methods to detect the onset of mental stress and quantify its severity. The scope of the project work includes <ul style="list-style-type: none"> • Building signal processing models to extract features form brain signals • Building stress detection model using EEG datasets and artificial intelligence methods.
Under Graduate Research Assistant - Government Secrecy Project Ahmedabad University, Ahmedabad, Gujarat / Jul 2021 - Dec 2021	

Review of Company Performance	Text Analysis of Presidential Decision Directives (PDDs) with Machine Learning <ul style="list-style-type: none"> • Creating an original dataset. • Cleaning up the dataset. • Running some text analyses.
Under Graduate Research Assistant – Laughie Web App Ahmedabad University, Ahmedabad, Gujarat / May 2021 - July 2021	
Review of Company Performance	Modified an already existing web app for a laughter intervention that recommends various activities and sets a reminder to take the test again after a given time interval if the score is less than the estimated score.
Yottol Captech and Insurtech –Web App Development Ahmedabad, Gujarat / March 2020 - August 2020	
Review of Company Performance	Work on frontend part of a full stack project on mutual funds that covers many features such as whether you should buy, invest for the short or long term, changes in percentage that it will rise or not, and many other things.
V-Care Group –Web App Development Ahmedabad, Gujarat / June 2020 - December 2021	
Review of Company Performance	Multiple features with customizability options were developed and extended across the online application.
YOURSTUDYPLACE –Web App Development Bangalore / August 2021 - December 2021	
Review of Company Performance	Created an online platform to act as a link between colleges and students, allowing students to pick any institution they choose and use all of its resources according to their chosen plan.

PROJECTS	
Truck Number Plate Recognition Jan 2022 - Feb 2022	
Project Proposal Preparation & Analysis	<p>Summary: Weighing is required of inspection vehicles. The automated weighing system allows a truck to enter the weighing station by opening the entrance door. The vehicle is equipped with a number plate or plates. There is a collection of photos accessible. The goal is to identify all of the number plates in the image and see if they all belong to the same car. The automated mechanism opens the gate for the truck to exit the station after the verification process is completed.</p> <p>Skills Used: Arduino coding, Project Management, Circuit connection, Real time application thinking.</p> <p>Team Size: 2</p> <p>Key Outcomes: We gained fresh practical experience and design ideas as a result of the experiments</p>
Temperature Control Box with Automatic Cooling Feb 2021 - Apr 2021	

Project Proposal Preparation & Analysis	<p>Summary: While transferring vaccines or any sort of thing which has to be kept under certain temperature for that instead of carrying it with cold storage, we can use this where we can set a temperature and once temperature goes above that then the cooler integrated inside it automatically starts and after reaching the desired temperature cooler stops on its own.</p> <p>Skills Used: Arduino coding, Project Management, Circuit connection, Managing Real time application.</p> <p>Team Size: 2</p> <p>Key Outcomes: Learnt about working of an Arduino and how to program it and control various factors on basis of that.</p>
<p>Learning Management System</p> <p>Jan 2021 – May 2021</p>	
Project Proposal Preparation & Analysis	<p>Summary: Online learning management system where a student can give mock quizzes, get help of seniors and clear its doubts, can post his queries anonymously too, join groups of his interests, chat with the faculty.</p> <p>Skills Used: ReactJS, CSS, Firebase</p> <p>Team Size: 3</p> <p>Key Outcomes: Create a web application and hosted it on firebase with above features.</p>
<p>Application of Linear Algebra in Genetics</p> <p>Sept 2020 – Dec 2020</p>	
Project Proposal Preparation & Analysis	<p>Summary: Our aim is to show how linear algebra can be used to predict the genotype distribution of a particular characteristic in a population after any number of generations from only the genotype distribution of the initial population. There are several modes of inheritance; however, this project will focus only on autosomal inheritance.</p> <p>Skills Used: Python</p> <p>Team Size: 3</p> <p>Key Outcomes: We have created a program in Python (Without using any Library) that allows users to know the genotype distribution of a particular characteristic of a specific animal, human or any living organism.</p>
<p>Customer Management System</p> <p>Sept 2020 – Dec 2020</p>	
Project Proposal Preparation & Analysis	<p>Summary: Developed a customer management system where in a user generates ticket and admin works on that where they both can have conversation on the same, user can submit their reviews and feedback which were integrated with the online store page and buyers can get idea about that.</p> <p>Skills Used: PHP, JS, HTML, CSS, MySQL</p> <p>Team Size: 2</p> <p>Key Outcomes: Learnt about how to do one to one chat, mysql queries as well as store procedures and functions too.</p>
<p>Bank Management System</p> <p>Dec 2019 – Jan 2020</p>	
Project Proposal Preparation & Analysis	<p>Summary: C program where user can open a new account, generate its pin, deposit as well as withdraw money and delete its account.</p> <p>Skills Used: Project Management, Group Coordination</p> <p>Team Size: 1</p> <p>Key Outcomes: User can easily manage his own accounts so that he doesn't needs anyone's help.</p>

CO-CURRICULAR		
Committee Member Ingenium (Tech Fest of Ahmedabad University)	Managing the logistics department and peer guide to students during the Web Development event to assist them with their doubts.	Jan 2020 – Mar 2020

TECHNICAL SKILLS	
Tools / Technologies	MS Office, C (Programming Language), Python (Programming Language), AutoCAD, C++, LaTeX, JavaScript, HTML, CSS, MySQL, MsSQL Server 2014, MongoDB, Firebase, MATLAB, Arduino
Hosting Platforms & Version Control	Heroku, Netlify, Firebase, GitHub Pages, GitHub

PERSONAL DETAILS
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