

EDUCATION	NAME OF INSTITUTE	YEAR	PERCENTAGE/GPA
B.Tech Computer Science	Institute of Technology, Nirma University	2018-2022	8.2 GPA
GSEB (XII)	Florescent Public School, Ahmedabad	2018	86.41%
GSEB (X)	Gyanmanjari Higher Secondary	2016	92%

Work Experience

❖ Software Engineer - Analytics, HOPS HealthCare March - June 2021

Guided by Mr. Vivek Patel, to create a pipeline that extracts essential information from informal conversations

- Worked on creating a web app for their healthcare system for doctors to analyze and save reports.
- Involved in initial design, database design and creating basic models.
- Developed functions for automatically extracting important elements from reports using BioBERT and Regex
- **Technology: Python, Django, BERT, Javascript, Regex, SQL**

❖ Flutter Developer, Tacitpal December 2019 - March 2020

Firm based at increasing productivity in students

- Developed a cross - platform mobile app using Flutter and Dart for increasing productivity by creating an automated schedule for the users based on priority and time slot allotted to task
- Conducted day-to-day project coordination, planning, and implementation between a team of 5 Flutter Developers
- Application Integration using NodeJS RESTful service
- **Technology: NodeJS, Flutter, Dart**

❖ Backend Developer, Nirma University August 2019 - September 2019

Nirma RoboCup is a National Level Robotic Contest for students of Class 8 to 12.

- Developed a Score Managing system for National Level Robocup event organized by Nirma University.
- Implemented GUI user functions and components in Tkinter and integrated the front - end with SQLite database.
- Features Included : Accept Participant Registrations, Automated Draws with seeding options, Winners and Losers advance to next round based on configuration, Automated scheduling of matches based on Team availability, Live Scores and Results available for public viewing
- **Technology: Python, SQLite, Tkinter**

Projects

Instant MD - NLP in Healthcare : [Live Link](#)

- Instant MD uses NLP to extract information from a patient's story. It detects symptoms, complaints, relieving and aggravating factors.
- Proposed solution to automate the process by using BioBERT and BERN
- **Winner at Mined Hackathon**

Car Price Prediction : [Live Link](#) (Hosted through a different account)

- An app that can help you to predict the price of cars based on model, date of purchase, distance driven, etc so that it's easy for an individual to check whether they're getting the desired deal on a car, made using Flask and deployed on Heroku.
- **Technologies Used: Python, Scipy, HTML, Javascript**

Arduino based water level indicator

- Designed and built a cost - efficient Arduino based water level indicator and controller which establishes Serial Communication with PC.

Position of Responsibility

Core Member | ROS Developer | Triton, Team AUV , Nirma University

The Autonomous Underwater Vehicle Team (Team AUV) is a student group working in the field of autonomous underwater robotics.

- Built the framework for communication between various controllers and sensors using TCP/IP protocol with Nvidia Jetson TX2
- Programmed controller board for motor control, odometry and serial interface with ROS Interfaced IMU sensor with Arduino Mega microcontroller board for stability and IR sensor for obstacle avoidance.
- Collaborated with team members on design and integration of the vehicle.
- **Technology: Python, C++, ROS, Arduino C**

Member |ISTE , Nirma University

- Pitched for sponsorship deals and curated presentations for the different events to various branches.
- Filed permissions and kept track of the data for events.

Achievements

- Selected for **Facebook School of Innovation, Spark AR** program (sv.co/fb) amongst **more than 10000 participants** and received industrial training in Augmented Reality for 6 months ([Certificate Link](#))
- Winner of the **HealthCare Track at Mined Hackathon**. Mined is a Nationwide Hackathon organized by Nirma University in collaboration with Binghamton University. **629 students** participated from over 20 colleges. ([Certificate Link](#))
- Selected amongst **top 250 teams** for Flipkart Grid Hackathon
- Python National Scholarship Quiz Winner ([Certificate Link](#))
- **Second Place** in a inter-university “Apti-Brain” Competition Aptitude Test ([Certificate Link](#))
- Received Best Actor Male award in inter institute one act drama competition.
- Debate champion in district - wide debate competition.

Skills

- | | |
|-------------------|--------------------|
| ● Python | ● Flutter |
| ● Django | ● NLP |
| ● Data Science | ● Machine Learning |
| ● Public Speaking | ● Leadership |

Interests

- | | |
|-----------|-------------------|
| ● Reading | ● Mental Aptitude |
| ● Acting | ● Public Speaking |

Certification

- [Applied Data Science with Python](#)
- [Applied Social Network Analysis in Python](#)
- [Applied Plotting, Charting & Data Representation in Python](#)
- [Introduction to Data Science in Python](#)
- [The Data Scientist’s Toolbox](#)