



# Pararth Dave

Dhirubhai Ambani Institute of Information and Communication Technology

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## EDUCATION

Degree	University/Institute	Year	CPI/Aggregate
M.Sc.   DS	Dhirubhai Ambani Institute of Information and Communication Technology	2022	8.61 CPI
B.Sc.   CA & IT	Natubhai V. Patel College of Pure and Applied Sciences	2020	8.85 CGPA
Higher Secondary   Class XII	Kendriya Vidyalaya Dungarpur (CBSE)	2017	83.6%
Secondary   Class X	Kendriya Vidyalaya Dungarpur (CBSE)	2015	9.8 CGPA

## SKILLS

Expertise Area/Area(s) of Interest	NLP, IR, ML, FrontEnd, Django, Bootstrap, HTML, CSS, SAS Certified Specialist: Machine Learning Using SAS Viya 3.5, SAS Certified Data Integration Developer for SAS 9, SAS Certified Specialist: Base Programming Using SAS 9.4
Programming Language(s)	Python, R, SAS, SQL, Django, Bootstrap, CSS, HTML5, Java (Advanced)
Tools and Technologies	Netbeans, Oracle Apex, Adobe Illustrator, Adobe Photoshop, Canva, Jupyter Notebook, R Studio, SAS Enterprise Guide, VS Code, Pycharm IDE, SAS Viya, and other SAS platforms
Technical Electives	Information Retrieval, Natural Language Processing

## PROFESSIONAL EXPERIENCE/INTERNSHIPS

IRLAB-DAIICT	Legal Document Summarization project in collaboration with IIT Kharagpur, worked on various architectures and implemented a UI to tweak the parameters and fetch relevant documents and summarize them using NLP and Human Computer Interaction.	July-2021 - Ongoing Team Size: - 02
	<i>Guide: Dr. Prasenjit Majumder</i>	
IRLAB-DAIICT	3 in 1 web-app developed under the umbrella of summer internship. Had various modules that included Sentiment Analysis of YouTube Videos, Stock Market Prediction, and Power Utilization Prediction. Various concepts of Data Science and Front-end Design were used and learnt.	May-2021 - Ongoing Team Size - 07
	<i>Guide: Dr. Prasenjit Majumder</i>	
Aadox	One-Month Content Writing Internship based on various technological aspects, the content was SEO-based and a freelance internship.	May 2019 - June 2019 Team Size - 06
	<i>Guide: Ms. Madhu Singh, Team Leader, Aadox, Lucknow</i>	

# PROJECTS

<b>Project Fidget</b>	A utility web app was developed under the guidance of IRLAB-DAIICT based on the projects of the second semester. This was an ambitious project that had three-module namely Sentiment Analysis of YouTube Videos, Stock Market Prediction, and Power Utilization Prediction Front-End: Django, JavaScript, CSS, HTML5, Bootstrap Back-End: Python, Linux Shell	May 2021- Ongoing  Team Size - 07
<i>Guide:</i> <i>Dr. Prasenjit Majumder</i>		
<b>UI for Legal Document Summarization (DELSumm)</b>	Project in collaboration with IIT Kharagpur, the algorithm was provided to us and we built an interactive UI that also enabled Human-Computer Interaction	2021-22  Team Size: - 02
<i>Guide:</i> <i>Dr. Prasenjit Majumder</i>		
<b>Stock Market Prediction</b>	Stock prices of nifty fifty stock were aimed to predict on a minute basis after having around an hour's worth of historical data. Also, the system was self-sustaining and was under continuous learning. It was able to predict the increase/decrease of certain parameters. Concepts like web scrapping, ARIMA, LSTM were learned. Front-End: Streamlit Back-End: Python, Linux Shell	2021  Team Size: - 07
<i>Guide:</i> <i>Dr. Prasenjit Majumdar</i>		
<b>Plasma Classification</b>	Plasma movement, size, and existence were aimed to calculated in this project. Confidential data available with NRC, Ahmedabad was used to accomplish this feat. Various numerical methods, image processing techniques were learned. Streamlit was used as GUI. Front-End: Streamlit Back-End: Python, Linux Shell	2021  Team Size: - 05
<i>Guide: Nabin Sahu</i>		
<b>Sentiment Analysis</b>	Sentiment analysis of youtube videos as well as sentences that are inputted into the system. The aim was to predict emotion out of a spectrum of 6 and positive/negative polarity. Made using various python libraries and concepts like clustering and classification were learned. Streamlit was used as GUI. Front-End: Streamlit Back-End: Python, Linux Shell	2021  Team Size: - 04
<i>Guide:</i> <i>Dr. Prasenjit Majumdar</i>		
<b>Customer Segmentation</b>	A clustering problem of dividing the customers into groups based on the patterns noticed in their buying style. Agglomerative and K-Means Clustering was used along with an ensemble of both in order to achieve the highest accuracy possible. Various clustering techniques and python libraries were learned and used in the same. Back-End: Python	2021  Team Size: - 04
<i>Guide: Dr. Ahlad Kumar</i>		
<b>Harry Potter Fandom Website</b>	HP Fandom website made using HTML5, CSS, and Bootstrap. At the same time, Django and Sqlite3 are used for connection and backend. The website can take data from the user in the form of forms and store it in a database table. The website is responsive and contained various pages to interact as per the interests and requirements. The website is being hosted on Heroku, but the backend failed in the process of the same. Front-End: Django, HTML5, Bootstrap, CSS Back-End: Python URL: - http://hpfandom.herokuapp.com	2020-2021  Team Size: - 03
<i>Guide:</i> <i>Mrs. Sujata Prakash</i>		

# PROJECTS

<b>Book Store Management System</b> <i>Guide: Mr. Amit Kumar Mankodi</i>	System keeping track of various micro and macro transactions in a standard book store like sales, purchases, and so on. Made using Postgre/SQL. Back-End: Postgres	2020-2021  Team Size: - 05
<b>Transference Management System</b> <i>Guide: Ms. Shreya Shah</i>	This was a transference management system based on Advanced Java made to replace the paper-based transference system of the college NVPAS. Due to technical problems regarding report generation and pandemic, the idea was restricted to a simple setup of Transference management only and no report could be generated. Front-End: Java Back-End: MS Access	2018-19  Team Size: - 01
<b>Bliss Book Store</b> <i>Guide: Dr. Tejas Thakkar</i>	VB.Net application was developed to handle transactions of a standard book store. The application managed transactions like receipt generation, inventory management, expense manager, etc. Front-End: VB.Net Back-End: MS Access	2018-19  Team Size: - 01

# POSITIONS OF RESPONSIBILITY

- An active member of College's MHRD's Innovation Cell for two years in a row (2019,20) in Graduation.
- Creative Head for the Techfest-2020 "Technoastrum" of college NVPAS while in Graduation.
- Member of IQAC of DAIICT during Post Graduation.
- Press Club Associate at DAIICT during Post Graduation.

# AWARDS AND ACHIEVEMENTS

**CERTIFICATIONS:**

1. SAS Certified Specialist: Base Programming Using SAS 9.4
2. SAS Certified Data Integration Developer Using SAS 9
3. SAS Certified Specialist: Machine Learning using SAS Viya 3.5.

**PUBLICATIONS:**

1. Published Research Paper in National Conference Titled "Technology and Tradition: - IoT in Agriculture" at K.S. School of Business Studies. Year: -2020
2. Published a Book titled "A Day with Poetries" Year: -2020

**PRIZES:****YEAR: - 2021**

Various positions secured at Web Designing (iFEST), Poetry (Shailee Synapse'21), Instrument & Poetry (Kala Cultural Fest)

**YEAR: - 2020****POSITION: - FIRST STATE LEVEL/ INTERCOLLEGIATE**

1. Web Designing at NVPAS
2. IT Quiz at C.P. Patel and F. H. Shah Commerce College
3. Bug Spot at ISTAR
4. IT Quiz at ISTAR

**YEAR: - 2019****POSITION: - FIRST STATE LEVEL/ INTERCOLLEGIATE**

1. Paper Presentation at V.P. Science College
2. Web Designing at AAU
3. Web Designing at G.H. Patel Department of Computer Science
4. Self Written Poetry at Waymade College
5. IT Quiz at NVPAS

**SPORTS:**

1. Champions of Intercollegiate Football Tournament, 2018-19
2. First Runner's Up of Intercollegiate Football Tournament, 2017-18
3. Second Runner's Up of Intercollegiate Football Tournament, 2019-20

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## INTERESTS AND HOBBIES

- Reading Books
  - Writing Poetries and Proses
  - Writing Technical Blogs
  - Playing Football and Guitar
  - Creating Vector Art
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