

Career Objective:

a hardworking, enthusiastic undergrad engineer I am currently pursuing a CSE major and am interested in improving my skills in the technology sector. I have a strong foundation in mathematics along with skills in the areas of machine learning and data science.

Education:

Bachelor's in Engineering (B.E.), Computer Engineering, (CGPA: 9.11)(till 7th sem)

August, 2019- June, 2023

Institute: LDRP Institute of Technology and Research, Gandhinagar, Gujarat, India.

Internships:

Web Developer Intern, Spadeweb, Ahmedabad, Gujarat

January, 2022- March, 2022

- Worked in the area of designing web using HTML, CSS, Javascript, and PHP.
- As a member of a web design team, I contributed to the creation of interactive, responsive, and user-friendly websites that enhance product sales.

Data Science Intern, Brainy Beam Technologies Pvt Ltd., Ahmedabad, Gujarat

May, 2022 – July, 2022

- Developed an enhanced product sales and management platform utilising ML and NLP.
- There is a demand for suggestions in both the areas of OTT platforms and digital commerce. Based on the sentiments associated with the products, systems must identify which products are needed by the customers. The project's goal is to develop a recommender system for this type of system and also be capable of recognising the sentiments related to the products. This platform can handle inventory, sales, and products.

Wordpress Developer Intern, Wolfable, Ahmedabad, Gujarat

December, 2022 – March 2023

- Improved e-commerce platform functionality, performance, and user experience by creating custom plugins, integrating APIs, troubleshooting issues, contributing to mobile-responsiveness, and managing content, resulting in increased sales.
- Gained hands-on experience in WordPress development, including creating custom themes, optimizing website performance, and ensuring website security.

Group Projects:

Advance Project Management System:

Semester: 8th

- Advance PMS is an online project management platform designed to help academic organisations efficiently plan, execute, and monitor projects, with a particular focus on meeting the needs of colleges and schools seeking to maintain their student data.
- PMS allows students to choose, update, delete, and upload projects, while faculty members can track progress, make comments, schedule meetings, monitor project processes, and review completed projects.

Quora Question Pair Similarity Classification:

Semester: 7th

- Users can post questions on Quora and receive answers from other users. On this site, duplicate questions are common, especially as more people ask questions.
- Hence, our project aims to identify duplicate questions, minimise the effort of responding to the same question repeatedly, and improve the experience for users as a whole.

Social Distancing Detection and notifier:

Semester: 6th

- In the domain of Image Processing, use OpenCV and a trained YoloV3 model to detect humans and create bounding boxes with coordinate information.
- A threshold is set, and an approximation of the physical distance to the pixel is applied to check for social distance violations between individuals. A centroid tracking algorithm is also used to track individuals within a frame.

Fake News Detection System(NLP,ML)(Smart India Hackathon)

Semester: 6th

- Fake News Detection system basically worked on NLP (Natural Language Processing), which allows us to determine if news is authentic or not.
- The purpose of this project is to address the issue of fake news on the internet. The project is a web-based tool that uses various machine learning models that have been trained on a large dataset to evaluate whether a news article is legitimate or not.

Independent Coursework:

Complete Machine Learning and Data Science Zero to Mastery, Python Programming – From Basics to Advance level , Python for Computer Vision (OpenCV), The Complete 2021 Web Development Boot-camp, Cyber Security and Ethical Hacking by Inferno Infosec, NLP – Natural Language Processing with Python, Data Structures and Algorithms, Python and Flask Framework - Udemy, Design and Analysis and algorithms, Introduction to Cloud Identity by Google, Customer support data with Google sheet. Effective Writing (NPTEL),Cyber Security Foundation, Basics of Database Design & Development, Introduction to Basic Graphic Design and Canva, Introduction to web development.

Skills and Expertise:

- **Technical Skills:** Python, C/C++, Java, HTML, CSS, JavaScript, PHP, Data Structures, Machine Learning, Deep Learning, Flask, SQL, MongoDB, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, NLTK, TensorFlow & Keras. Wordpress and Plugins.
- **Organizational Skills:** Event Management, Leadership, Teamwork, Tutor.
- **Languages Known:** English, Hindi, Gujarati.

Extra-Curricular Activities:

- Member of LDRP-ITR's Chess Team.
- Helped in college to organise events like a blood donation camp, a tree plantation, and Xenesis-Tech Fest.
- During COVID-19, I taught mathematics via online mode.

Volunteer Experience:

- Student Volunteer –Xenesis(Tech Fest of our College). I was responsible for conducting several online and offline campaigning at various campuses in Ahmedabad.
- Volunteer – NSS (National Service Scheme) We conducted a cleanliness program, held blood donation camps, spread awareness during COVID-19 to follow the protocols, etc.
- Student Decoration Volunteer – Xenesis (Tech Fest of our College).

Honours and Awards:

- Winner, Smart India Hackathon (SIH), Internal Competition, LDRP-ITR, Gandhinagar, India: (*May, 2022*)
- Received two silver medals at the school level in the maths Olympiad exam, which is conducted by the NIMO (national interactive maths Olympiad).
- Received a school-level trophy for chess competition in my school.