





Jigar Siddhpura

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EDUCATION

Bachelor's Degree at **Dwarkadas J. Sanghvi College** (GPA: 8.89/10.0)
Candidate for Bachelor of Engineering in Computer Engineering July 2021 - June 2025

Coursework: Data Structures and Advance Algorithms, Advance Database Management System, Object Oriented Programming, Applied Mathematics, Discrete Mathematics

PROFESSIONAL EXPERIENCE

Jwero.ai, Mumbai, India *ML Intern* June 2023 - Aug 2023

- Created a web-app that helps generation of tags like product title, description, blog post and the like, and social media specific image captions using Azure OpenAI & Langchain
- Created Doc-Bot for Q&A over official documents using Langchain

PROJECTS

Growth Analytics - Cafe Analytics and AI-Driven Insights | Next.JS, Streamlit [Project Link](#)

- Created a data-driven dashboard for visualizing competitor, customer, and sales insights.
- Implemented an AI recommender system to personalize offers and automated bots to streamline operations, leading to increased customer engagement and sales.

DataLens - Multilingual Report Query and Analysis Tool | Next.JS, Streamlit [Project Link](#)

- Leveraged LangChain for querying and SQLite for efficient data storage and visualization.
- Empowered stakeholders with real-time, financial insights, enabling swifter inventory management decisions.

TeachifAI - Multi-Modal Emotion Recognition for Virtual Classrooms | Next.JS [Project Link](#)

- Applied intelligent emotion analysis for real-time analysis of student engagement in a hackathon.
- Used deepface emotion recognition, wav2vec2 base on IEMOCAP, DeBERTa model trained on MNLI.

LipNet: End-to-End Sentence-level Lipreading | Python [Project Link](#)

- Machine learning model that predicts text based on lip movements in a video without audio.
- The architecture is a 3D CNN followed by a bidirectional LSTM network for sequence modeling.

SKILLS

Programming Languages: C, Python, Java
Web Technologies: HTML, CSS, JavaScript
Framework: ReactJS, spaCy(basics)
Miscellaneous: Machine Learning, NLP, Tableau, Git, NextUI, MySQL
Soft Skills: Time Management, Problem-solving, Teamwork

ACHIEVEMENTS

- Winner of HackX, a National level hackathon.
- Completed Supervised Machine Learning: Regression and Classification certification.
- Achieved the top 6 position in the Unscript Rookies Hackathon.

CO CURRICULAR ACTIVITIES

DJ UNICODE - Frontend Mentor Oct 2022 - Present

- Conducted the Git-Session event tailored for students.
- Served as a doubt-solver for attendees of HACKPREP 5.0 organized by DJ UNICODE.
- Contributed to developing an internship portal website for college professors as a part of a team collaboration.