

DARSHIL PATEL

darshil01092004@gmail.com

 Darshil Patel |  Darshil0109 |  My Portfolio

Ahmedabad, Gujarat - 380026, India



OBJECTIVE

Seeking a challenging position in computer engineering to leverage my expertise in software development and data analysis. Aiming to contribute to innovative projects at the intersection of technology and data-driven decision-making in fields such as machine learning, data science, and software engineering.

EDUCATION

- **Lok Jagruti Institute of Engineering and Technology** Nov 2022 - Present
B.Tech Ahmedabad, India
 - PPI: 8.55/10.00
- **Shree S.D. Vyas Sharda Vidhyamandir** May 2022
Higher Secondary Education Ahmedabad, India
 - Grade: 67.23%
- **Shree S.D. Vyas Sharda Vidhyamandir** May 2020
Secondary Education Ahmedabad, India
 - Grade: 89.17

PROJECTS

- **Auction Management System: An online platform for managing auctions** June 2024 - August 2024
Tools: Django, React, Tailwind CSS, JavaScript, Python 
 - Developed a dynamic bidding system for auction updates, enhancing user engagement.
 - Implemented Django for backend management, ensuring secure and efficient data handling, achieving seamless user interactions.
 - Created responsive UI components using React and Tailwind CSS, ensuring a user-friendly interface across devices.
- **Path Master: A project for visualizing Dijkstra's and Floyd-Warshall algorithms** March 2024
Tools: Python, NetworkX, Matplotlib, OOP (Object-Oriented Programming) 
 - Developed a visualization tool for Dijkstra's and Floyd-Warshall algorithms, making complex graph algorithms accessible.
 - Implemented Python libraries such as NetworkX for graph creation and Matplotlib for dynamic path visualization, ensuring clear and effective graphical representations.
 - Created an intuitive Tkinter-based GUI, allowing users to interactively explore different graph structures and algorithm behaviors.

SKILLS

- **Programming Languages:** Python, Java, SQL, JavaScript, HTML, CSS
- **Web Technologies:** MERN stack, Django
- **Database Systems:** PostgreSQL, MongoDB
- **Data Science & Machine Learning:** Python, SQL, Jupyter Notebook, Github
- **Specialized Area:** Full Stack Development, DBMS, Web Development, Data Analysis

CERTIFICATIONS

- **Exploratory Data Analysis for Machine Learning** August 2024
- **HTML, CSS and Javascript for Web Developers** March 2024
- **Database Design and Basic SQL in PostgreSQL** September 2023
- **Inheritance and Data Structures in Java** August 2023
- **Introduction to Java** March 2023