DARSHIL PATEL

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 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

PROJECTS

- **Auction Management System: An online platform for managing auctions**   *June 2024 - August 2024*
  Technologies: 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.

- **Nexus Flow: Room Booking Platform**   *September 2024*
  Technologies: Next.js, Django, TypeScript, Django Rest Framework, WebSockets   []
  ◦ Developed a user-friendly web application for room booking, enabling seamless interactions between users and property owners, similar to Airbnb.
  ◦ Implemented responsive UI components with Next.js, ensuring a smooth user experience across devices.
  ◦ Integrated WebSockets for real-time chat functionality, allowing users and property owners to communicate effectively during the booking process.

- **Path Master: A project for visualizing Dijkstra's and Floyd-Warshall algorithms**   *March 2024*
  Technologies: 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.

- **GameZone: a Python-based Game Zone featuring classic games Designed with GUI**   *March 2024*
  Technologies: Python, Tkinter   []
  ◦ Created an interactive gaming project featuring classic games such as Hangman, Tic Tac Toe, Egg Catcher, Cricket, and Stone Paper Scissors.
  ◦ Designed a user-friendly graphical interface using Tkinter, enhancing user engagement and accessibility.
  ◦ Implemented game mechanics and logic in Python, ensuring a smooth and enjoyable gaming experience.

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

ACHIEVEMENTS

- **Academic Reports from L.J University**   *August 2024*