

DARSHIL PATEL

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 Darshil Patel |  Darshil0109 |  My Portfolio

Ahmedabad, Gujarat - 380026, India

EDUCATION

• Lok Jagruti Institute of Engineering and Technology

B.Tech

◦ PPI: 8.55/10.00

Nov 2022 - Present

Ahmedabad, India

PROJECTS

• SwiftBids: An online platform for managing auctions

June 2024 - August 2024

Technologies: Django, React, Tailwind CSS, JavaScript, Python



- Developed a responsive and dynamic bidding system to manage auction updates and enhance user engagement.
- Integrated JWT-based authentication for secure user login and access control.
- Implemented automatic product removal when auction time expires, enhancing platform efficiency.

• Nexus Flow: Room Booking Platform

September 2024

Technologies: Next.js, Django, TypeScript, Django Rest Framework, WebSockets



- Developed a room booking platform similar to Airbnb with Responsive full-stack architecture.
- Integrated JWT-based authentication for secure user access and data protection.
- Implemented WebSockets for real-time chatting, enhancing user interaction.

• Path Master: A project for visualizing Dijkstra's and Floyd-Warshall algorithms

March 2024

Technologies: Python, NetworkX, Matplotlib, OOP (Object-Oriented Programming)



- Developed a pathfinding system using Dijkstra's and Floyd-Warshall algorithms to determine the shortest distance between nodes.
- Utilized Python libraries like NetworkX for graph creation and Matplotlib for dynamic path visualization, ensuring clear graphical representations.

• GameZone: a Python-based Game Zone featuring classic games Designed with GUI

March 2024

Technologies: Python, Tkinter



- Created a collection of classic games, including Hangman, Egg Catcher, Tic Tac Toe, Cricket, and Stone Paper Scissors, using Python and Tkinter
- Implemented user-friendly GUI designs for easy navigation and interaction.
- 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

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

ACHIEVEMENTS

• Academic Reports from L.J University

August 2024