

Dharmik Patel

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🔗 <https://github.com/dharmik0711>

Personal Profile

Driven aspiring Data Engineer and Data Analyst with foundational skills in big data technologies, cloud computing (AWS, Azure), and data pipeline automation. Proficient in SQL, Python, and data visualization tools like Power BI and Tableau. Actively building expertise in end-to-end data workflows, from ETL processes to data warehousing and reporting. Eager to leverage my growing skills in a dynamic organization to design scalable solutions and deliver real-time business insights through data analytics.

Technical Skills

- Programming Languages: Python, Spark
- Data Storage & Management: SQL, MySQL
- Data Visualization: Tableau, Power BI
- Cloud Platforms: Azure, AWS
- Python Libraries: NumPy, Pandas, Matplotlib, Scikit-learn, OpenCV, Tensor Flow, Keras, Seaborn
- Methodologies: Software Development Life Cycle (SDLC), Agile, Scrum, Iterative, Object-Oriented Design
- Operating Systems: Windows, Linux/Unix
- Project Management Tools: PowerPoint, MS Excel, MS Word, Visual Studio Code, Jupiter Notebook, PyCharm, Git, GitHub, CI/CD
- Advanced Excel: Proficient in PivotTables, Pivot Charts, VLOOKUP, INDEX, MATCH, SUMIFS, Data Validation, Conditional Formatting, Interactive Dashboards, Power Query, Power Pivot, and Excel Macros for Automation

Education

Computer Systems Technology – Software Development and Network
January 2024 – Present Engineering
Sheridan College
Completed 2 semesters with a GPA of 3.58/4

January 2024 - Present

Experience

Customer Service Associate
Circle K
January 2024 – Present

Jan 2024 -present

- Provide exceptional customer service by assisting with purchases, answering inquiries, and resolving issues promptly
- Efficiently handle cash transactions, balance the register, and maintain accurate sales records. Manage inventory by restocking shelves, organizing products, and ensuring the store is well-maintained and clean.
- Proactively engage with customers to ensure a positive shopping experience, addressing complaints and providing solutions to improve satisfaction.
- Collaborate with team members to maintain store operations and meet sales targets

Freelance Web Developer

May 2023 - August 2023

- Created simple, responsive websites for local businesses using HTML, CSS, and basic JavaScript, focusing on user-friendly design and functionality.
- Collaborated with clients to gather requirements and deliver basic wireframes, ensuring their vision was incorporated into the final product.
- Assisted in integrating third-party tools, such as contact forms and social media links, to enhance website engagement.

Projects

Python Hangman Game

- Developed a fully functional command-line Hangman game in Python using basic data structures and control flow.
- Implemented core gameplay mechanics including word selection, guess validation, and tracking remaining chances.
- Used lists and dictionaries to handle word storage, guessed letters, and display logic for incomplete words. Applied modular programming principles to enhance code readability and reusability.
- Included input handling for user interaction and ensured error-free execution with exception handling for invalid inputs.

X-O Game

- Built a command-line X-O (Tic-Tac-Toe) game in Python for two players, with a fully interactive gameplay experience.
- Designed the game board using a 2D list and implemented player turns, input validation, and game state checks (win, lose, or draw).
- Incorporated an intuitive user interface, displaying the current board state after each move.
- Utilized control structures and loops to check for valid moves, ensuring smooth gameplay without errors.
- Focused on clean code structure and applied exception handling for input errors.

Flappy Bird Clone (Pygame)

- Developed a 2D Flappy Bird clone using Python and Pygame, implementing core game mechanics such as collision detection, scoring system, and user input handling.
- Created dynamic pipe generation and movement to challenge players while maintaining smooth gameplay.
- Designed game assets and integrated graphics for an engaging user experience.
- Utilized object-oriented programming principles for modular and maintainable code structure.
- Achieved improved performance through optimized rendering techniques and event management.

Certificates

- HTML and CSS in depth - META
- C for Everyone:programming fundamentals - University of California
- Develop website using FIGMA
- Data analysis using EXCEL -Coursera
- Python Bootcamp: Master Python with Real-World Projects-Udemy