

Siddhesh Deore

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ABOUT ME

Computer Engineering graduate with strong technical knowledge in Python, SQL, and data analysis libraries including NumPy, Pandas and Matplotlib. Skilled in applying these tools for developing scalable applications, data-driven solutions, and machine learning models. Passionate about leveraging technology to solve real-world problems.

EDUCATION

• Bachelor of Engineering, Computer Engineering (Savitribai Phule Pune University)	Avg. CGPA - 8.12/10
• HSC (Nashik Divisional Board)	78.62 %
• SSC (Nashik Divisional Board)	87.20 %

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, SQL
- **Data Analysis & Visualization:** NumPy, Pandas, Matplotlib
- **Machine Learning:** Scikit-learn (Regression, Classification, Clustering)
- **Databases:** SQL (MySQL, Oracle)
- **Industry Skills:** Object-Oriented Programming(OOP), Software Design Principles

PROJECTS

- **Personalized Health Recommendation System:** Feb 2025
 - **Symptom-Based Prediction:** Utilizes machine learning models to predict potential diseases based on user- input symptoms like cough, fever, and cold.
 - **Comprehensive Health Suggestions:** Provides disease description, precautions, medication, workout routines, and diet recommendations based on the predicted disease.
 - **User-Friendly Interface:** Designed with an intuitive interface for easy symptom input and seamless access to health recommendations.
- **Password Guessing Game with Hints:** Aug 2024
 - **Interactive Gameplay:** Built a terminal-based game where users repeatedly guess the password until correct, using loops, counters, and stored guesses.
 - **Hint System:** Implemented string comparison and conditional checks to provide hints, improving user engagement and guiding toward the correct password.
 - **Word Bank Integration:** Added list-based random word selection for varied challenges, showcasing use of variables, loops, and string handling in Python.
- **Restaurant Management System:** Dec 2023
 - **Order Processing:** Developed a terminal-based application where users can select food items from a predefined menu, place multiple orders, and view their selections in real-time.
 - **Billing System:** Implemented logic to calculate total prices dynamically based on user orders, ensuring accuracy in the final bill.
 - **Python Concepts:** Utilized loops, conditionals, dictionaries, and user input handling to simulate a simple restaurant order and billing system.

CERTIFICATIONS & ACHIEVEMENTS

Python and Machine Learning:

- Showcasing proficiency in Python programming, including libraries such as NumPy, Pandas, and Scikit-learn for data manipulation and analysis.
- Demonstrating competence in fundamental machine learning techniques like regression, classification, and clustering, with practical application in real-world projects.

Leadership Roles:

- **Technical and Digital Magazine Head:** Led the technical and digital magazine teams of the ACES committee, managing technical events, coding competitions, and other technology-focused initiatives.