Sankalp Jain

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OBJECTIVE

To leverage my Python expertise and project experience to develop efficient, innovative software solutions that drive organizational success while maintaining a strong commitment to quality and continuous professional growth.

EXPERIENCE

Python Intern   Jun 2023 – Aug 2023

SOFTECHNO INSTITUTE   Agra, IN

- Gained hands-on experience in core Python concepts including OOP, file handling, exception handling, and GUI development by building real-world applications.
- Independently developed a GUI-based banking system, *YourMoney Bank*, using Tkinter, featuring separate login systems and customized dashboards for Admin and User roles.
- Enhanced problem-solving and debugging skills by identifying issues, optimizing code, and managing complete project development lifecycle.
- Overcame challenges in mastering OOP principles through persistent practice and application in project work.

PROJECTS

Library Seat Booking Mobile Application

Booking Application

- Developed a seat booking system using Python's Kivy and KivyMD libraries, featuring intuitive interfaces for both students and administrators.
- Integrated seat booking, viewing, and cancellation features with a built-in chatbot to assist students in real time.
- Designed an admin panel to manage user accounts, monitor seat usage, and analyze booking trends.
- Contributed extensively to the frontend, focusing on responsive design and streamlined booking workflows.

YourMoney | Self Project

Bank Application

- Designed a Python-based banking system with deposit, withdrawal, balance check, and account update features.
- Built an interactive GUI using Tkinter, incorporating file handling through the os module and timestamped transactions using the datetime module.
- Integrated secure login and PIN system with error-handling for both admin and customer roles, offering an intuitive user experience.
- Structured the code using object-oriented principles to enhance modularity, readability, and future scalability.

TECHNICAL AND SOFT SKILLS

Languages: Python, C++, SQL

Web Development: HTML, CSS, JavaScript, ReactJS (Fundamentals)

Concepts: Object-Oriented Programming (OOP), DSA

Libraries & Frameworks: NumPy, Pandas, Matplotlib, Kivy, Flask

Soft Skills: Adaptability, Dedication, Curiosity to Learn, Problem-solving, Teamwork, Willingness to help others

EDUCATION

Teerthanker Mahaveer University, Moradabad   June 2025

B.Tech in Computer Science with Specialization in Artificial Intelligence

Percentage: 79

Dayalbagh Educational Institute, Agra   May 2022

Vocational Diploma in Automobile Engineering

CGPA: 7.5

Lord Rishabh High School, Tundla   July 2017

High School

Percentage: 81

CERTIFICATIONS

- M-DOPP - Jawaharlal Nehru Computer Saksharta Mission
- Python Spoken Tutorial Project, IIT Bombay