

Suyog Nipane

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EDUCATION

Bachelor of Science in Information Technology Information Technology

2021 - 2024

Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, Lions Educational Campus, S. D. Marg, Silvassa - 396 230, UT of Dadra & Nagar Haveli and Daman & Diu. 8.4

Higher Secondary Commerce

2019 - 2021

Marothia English Medium School, Dungra, 8XG4+9GG, Chanod Colony, Dungra, Gujarat 396193 5.29

SKILLS

DBMS	MySQL, Oracle
Java	Object-oriented programming, Core Java, Enterprise Java
Operation	Linux
System	
SDLC	Waterfall Model, Prototype Model, Incremental Model
Programing	Java, C++, Python, C, PHP
Languages	

PROJECTS

Calculator Python

Developed a basic calculator application using Python, implementing fundamental mathematical operations such as addition, subtraction, multiplication, and division. Utilized Python's core functionality and basic programming concepts to design and implement the calculator's logic. Implemented a clear and user-friendly command-line interface (CLI) to enhance the user experience.

Bills generator c++

Developed a bill generator application using C++, enabling automated bill generation for a variety of products and services. Implemented input validation and error handling to ensure accurate and reliable bill generation. Created a user-friendly command-line interface (CLI) to facilitate smooth interaction and streamline the bill generation process.

ATM Software Java, Object-Oriented Programming

Created a user-friendly interface allowing customers to interact with the ATM system through text commands. Implemented secure and accurate transaction processing, including withdrawal validation and balance updates. Incorporated exception handling to handle errors and ensure smooth execution of the application. Demonstrated proficiency in object-oriented programming concepts, such as encapsulation and inheritance, for code reusability and extensibility.

Voice Assistant Python, SpeechRecognition, Natural Language Processing (NLP), Third-party APIs

Utilized the Python SpeechRecognition library to capture and interpret voice commands. Incorporated natural language processing techniques to extract intent and parameters from user commands. Integrated third-party APIs for retrieving web search, and music playback. Ensured proper error handling and exception management for a robust and reliable voice assistant. Technologies Used: Python, SpeechRecognition, Natural Language Processing (NLP), Third-party APIs