

# UDHAYA KRISHNAN G

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## SUMMARY

Detail-oriented and passionate Computer Science Engineering student with strong programming skills in Python, C++, and SQL. Recently developed a real-world console-based student record application using SQLite and Python. Eager to apply skills in a software developer role.

## PROJECT

### Student Record Management System

- Developed a console-based application using Python and SQLite for managing student records (CRUD operations).
- Built database logic with sqlite3, handled user input via Python functions. Created real-world use case of structured data storage and dynamic user interaction.

### Weather Info App

- Python script that fetches live weather data using the OpenWeatherMap API.
- User inputs city name; displays current temperature and weather.
- Integrated API and parsed JSON data.

### Simple AI Chatbot

- Rule-based terminal chatbot simulating basic conversations.
- Used conditionals for input handling and output generation.
- Demonstrated control logic and basic NLP techniques.

### Excel Budget Tracker

- Created a Python script that logs expenses in an Excel file.
- Used openpyxl to record date, category, and amount.
- Auto-creates or appends to budget.xlsx.

## EDUCATION

### B.E. Computer Science and Engineering

VSU College of Engineering and Technical Campus • 2020-2024

## CERTIFICATIONS

### Java Programming

Infosys Springboard • 2023

### Introduction to Cloud

IBM • 2023

### Big Data

Naan Mudhalvan • 2023

## SKILLS

Language: Python, C++, SQL, HTML, CSS

Database: SQLite Tools, VS code, IDLE

### LANGUAGE

Tamil - Native

English - Intermediate