

Professional Summary

A third-year BTech student specializing in Computer Science Engineering. I have advanced skills in Python programming and a good understanding of object-oriented concepts. Along with this, I have experience with MySQL for database management and a basic grasp of FastAPI. I am looking for an internship opportunity to apply my knowledge, gain hands-on experience in software development, and further develop my skills in a professional setting.

Projects & Experiences

Weather Current And Forecast System

- Developed a **Python-based weather system** to provide both **current weather conditions and forecasts**.
- Utilized a **weather API** to retrieve real-time weather data for any given location. Data received from the API was in **JSON format** which was parsed to extract key details such as **temperature, humidity, and wind speed**.
- Gained experience in working with **external APIs** and handling **JSON data** for clear and effective user interaction.

Movie Recommender System

- Developed a **Python-based movie recommender system** using the **IMDb API** to provide users with personalized movie suggestions. The project allows users to search for movies and retrieve detailed information, including **movie titles, director names, actor names, release years, ratings, genres, and reviews**.
- Data is fetched in **JSON format**, which is parsed to extract relevant information for displaying recommendations.
- Improved skills in **API integration, JSON parsing, and data filtering** to create a user-friendly recommendation platform.

Expense Tracker

- Developed an **Expense Tracker Program** in Python to efficiently manage personal finances.
- Utilized **data structures** such as **lists and dictionaries** to store expense records, including details like **amount, category, date, and description**.
- Integrated **file handling** to enable data persistence by saving and loading expense records in formats such as **JSON**, enabling easy data interchange and structured storage.
- Enhanced programming skills in Python and gained experience in basic data management and user interface design.

Skills

Languages: Python, SQL || Databases: MySQL || Communication Skills || Problem Solving || Strategic Thinking || Adaptability || Team Work || Hard Working || Analytical Thinking || Presentation Skills || Creativity || Work Ethics

Honours & Achievements

- Attended a seminar hosted by **Tata Consultancy Services (TCS)** gaining insights into industry trends and best practices.
- Completed intensive BootCamp on **Python** hosted by **DevTown**, which enhanced my programming skills and provided practical experience in developing applications.
- Represented Cathedral School in **interschool competitions** and **won multiple medals** in badminton and basketball at the school level.
- Represented Integral University in **multiple intercollegiate competitions** and **secured top positions** in beatboxing.

Education

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| • Cathedral Sr. Sec. School
<i>(High School)</i> | • Bal Vidya Mandir School
<i>(Intermediate School)</i> | • Integral University
<i>(B.Tech - CSE) 2022 - Present</i> |
| 2020 | 2022 | |