Sanjana Bhat

Computer Science and Engineering

Self motivated, dedicated towards work, highly passionate fresher looking for an opportunity to work in a good organization.

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EDUCATION

Bachelor of Engineering
K.L.E. Technological University, Hubli

11/2022 - Present *Aggregate-9.20*

Pre-University Education
Saraswati PU College, Vidyagiri, Kalbag Kumta

08/2020 - 06/2022 *98%*

S.S.L.C
C.V.S.K. High School, Vidyagiri, Kalbag Kumta

06/2018 - 06/2020 *98.08%*

PERSONAL PROJECTS

Efficient Commute Plan for Metropolitan Connectivity (10/2023 - 01/2024)

- Developed an efficient commute plan for metropolitan city using DSA concepts in C
- Implemented graph algorithms like **Dijkstra's and Floyd-Warshall** for shortest path analysis
- Used Adjacency Matrix and Distance Matrix to represent the city's transport network
- Used **Binary Search Trees** for train retrieval

Flight schedule and journey Management System (03/2024 - 06/2024)

- Designed a flight scheduling system using C++ with OOPS principles
- Utilized classes and objects to manage flights, passengers, and bookings efficiently
- Designed a **Factory Pattern** for dynamic flight object creation based on flight type
- Used **Exception handling** for error management in flight bookings and searches

PROFESSIONAL EXPERIENCE

Project
Knit Space

07/2024 - 01/2025 *Hubballi, Karnataka*

User Query Response Segregation

- Developed a personalized search engine response with 3-layered user -based segregation
- The system dynamically extracts and organizes information from Wikipedia in response to single-word queries, providing hierarchical and user-centric outputs
- Top ten hyperlinks selected using a combined Wu-Palmer and cosine similarity scoring mechanism
- To visualize and analyze relationships among keywords, a Neo4j graph database is utilized
- Generated summaries in 3 different layers
- Tech stack: Python

SKILLS

C | C++ | DSA | Python | MySQL | Machine Learning | HTML

ACHIEVEMENTS

Participated in WiDS Datathon 2024 Challenge #2. (04/2024 - 06/2024)

To predict the patient's Metastatic Diagnosis Period in the Test Dataset using the provided characteristics and information about the patient.

Paper named "Bengaluru House Price Prediction using Ensemble Learning" got selected for BIDA 2025

To predict the house prices in Bengaluru using machine learning techniques.

Solved 100+ problems on LeetCode platform

CERTIFICATES

Continuous Integration and Delivery - DevOps (12/2024)

DevOps Foundation Certification (12/2024)

Introduction to Agile methodology (12/2024)

Completion of project at knit space (07/2024 - 01/2025)

LANGUAGES

English
Full Professional Proficiency

Kannada
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency

Havyak Kannada
Native or Bilingual Proficiency

LINKS

https://leetcode.com/u/sanjanaa05/

https://github.com/Sanjanaa21

https://www.hackerrank.com/profile/sanjanabhat622