ITHIHAS GEDELA

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Training

June 2024 - July 2024

Fundamental of Data Structures using C++
- *Gained hands-on experience in the fundamentals of Data Structures using C++ during an internship at LPU.*
- *Developed expertise in implementing and optimizing arrays, linked lists, stacks, queues, trees, and graphs in C++*
- *Applied data structure concepts to solve real-world problems, improving coding efficiency and problem-solving capabilities.*

Projects

Food Waste Reduction Platform   **February 2025**
- Developed a web platform to connect food donors with NGOs, reducing food waste and ensuring efficient distribution.
- Built using the MERN stack with API development, HTML, CSS, and NLP integration for intelligent donor-NGO matching.
- Simplified the food donation process, minimized waste, and enhanced NGO outreach to those in need

House Price Recommendation System
- *Developed a machine learning model to predict house prices using regression algorithms, feature engineering, and data preprocessing for accurate recommendations.*
- *Utilized Python, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Linear Regression, Random Forest, and Decision Trees for model development.*
- *Achieved high prediction accuracy, enabling data-driven decision-making for buyers and sellers.*
- Optimized model performance through feature engineering and hyperparameter tuning, ensuring scalability and efficiency.

Certificate

- *Cloud Computing NPTEL*
- *Programming in C++: A Hands-on Introduction*
- *Mastering Data Structures & Algorithms Using C++*
- *Fundamental of Computer Networking*

Technical Skills

Languages: Java,Python, JavaScript

Technologies/Frameworks: DBMS, JDBC, Hibernate

Machine Learning: Supervised , Unsupervised , Reinforcement Learning , Natural Language Processing

Skills: Team Collaboration , Communication

Education

Lovely Professional University Punjab   **2022 – 2026**

Computer Science and Engineering — CGPA: 5.75   *Jalandhar, Punjab*

Narayana High School   **2020 – 2022**

12th — Percentage: 92.60%   *Visakhaptnam , AP*

Narayana High School   **2019 – 2020**

10th — percentage:98%   *Visakhapatnam , AP*