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Training

Fundamentals of DSA Using C++

Jun' 2025 – Jul' 2025

- Learned core Data Structures concepts such as Arrays, Linked Lists, Stacks, Queues, Trees, and Graphs, and understood their real-world applications.
- Gained hands-on experience in C++ programming using Object-Oriented principles like classes, objects, and encapsulation for efficient problem-solving.
- Designed and implemented a Parking Management System using OOP and STL containers (vector, unordered_map) for efficient car tracking and management.
- Integrated file handling and time-based fee calculation to ensure data persistence, accurate billing, and a realistic parking simulation experience.

Projects

Car Parking Management System | C++, DSA, OOPS

Jun' 2025 – Jul' 2025

- Implemented a Parking Management System using C++ with Object-Oriented Programming and efficient data structures.
- Developed a real-time parking tracker using vector and unordered_map for instant car lookup and slot management.
- Applied file handling techniques to permanently store parked car details and total revenue across program sessions.
- Incorporated time-based calculations using <ctime> to accurately measure parking duration and compute parking fees automatically.

GitHub Link: <https://github.com/praveen6235/Car-Parking-Management-System-Using-C->

Sport League Management System – Web Application | HTML, CSS, JS

Nov' 2023 – Jan 2024

- Built a Sports League Management System using HTML, CSS, and JavaScript to manage teams, players, and match schedules effectively.
- Created a responsive and user-friendly interface ensuring smooth navigation and accessibility across devices.
- Integrated JavaScript functionalities for dynamic content updates, form validations, and interactive user experience.
- Developed an organized platform to efficiently track, manage, and display league data in a structured manner.

GitHub Link: <https://github.com/praveen6235/Sports-League-Management-System>

Certificates / Certifications

- **SQL (Intermediate & Basics) – HackerRank** Oct' 2025
- **Chat-GPT, Gen AI & LLM – Infosys** Aug' 2025
- **DSA Using C++ – Centre for Professional Enhancement** Jun' 2025 – Jul' 2025

Skills

Languages: Java, Python, C, C++, SQL

Frameworks: HTML, CSS, NumPy, Pandas, Seaborn, Matplotlib, Sklearn

Tools/Platforms: Oracle, SSMS, IntelliJ, Eclipse, VS code, Powerbi, Excel

Domain Skills: Data Structures and Algorithms, Problem-Solving, Team Player

Education

Lovely Professional University

Since Aug' 2023

Bachelor of Technology - Computer Science and Engineering — CGPA: 6.93

Phagwara, Punjab

Sasi Jr. College

Jul' 2021 – Mar' 2023

12th — Percentage: 84.7%

Nallajerla, Andhra Pradesh

ZP High School

Jul' 2020 – Mar' 2021

10th — Percentage: 88.2%

Devarapalli, Andhra Pradesh