Varsh Pulakala

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SKILLS

- **Languages**: C++, C, Java, Python, SQL
- **Frameworks**: HTML, CSS, NumPy, Pandas, Seaborn, Matplotlib, Sklearn
- **Tools/Platforms**: Oracle, SSMS, Intellij, Eclipse, VS code, Powerbi, Excel
- **Soft Skills**: Problem-Solving, Team Player, Adaptability

PROJECTS

- **Car Parking Management System Using C++**   Jun' 2025 – Jul' 2025
  - To develop an automated and reliable Parking Management System in C++ that manages slot allocation, vehicle tracking, and revenue calculation with permanent data storage.
  - Implemented real-time parking tracking using vectors and unordered_map, applied OOP concepts, added duplicate-entry prevention, used <ctime> for accurate duration calculation, and stored all parked car and revenue data using file handling.
  - Achieved $O(1)$ car lookup speed, ensured 100% data persistence across sessions, and improved system reliability with accurate time-based fee computation.
  Tech Skills Used: OOPS, DSA, C++

- **Statistical-Analysis-and-Visualization-of-Adidas-US-Retail-Data**   Mar' 2025 – Apr' 2025
  - Performed comprehensive statistical analysis on Adidas retail sales data across different regions in the United States to identify sales patterns and performance trends.
  - Cleaned and prepared dataset by handling missing values, removing duplicates, and structuring data for accurate analytical results.
  - Analyzed key business metrics, including total sales, units sold, profit margins, and average price to evaluate product performance and store efficiency.
  Tech Skills Used: Python, Numpy, Seaborn, Pandas

TRAINING

- **Fundamentals of Data Structures using C++**   Jun' 2025 – Jul' 2025
  - Learned essential data structures such as arrays, linked lists, stacks, queues, trees, and graphs, along with their real-world applications.
  - Gained knowledge of sorting, searching, recursion, and asymptotic notations (Big-O, Omega, Theta) to analyze the time and space complexity of programs.
  - Implemented data structure operations and mini-projects in C++ (like Hospital Management System), improving coding skills, logic building, and practical implementation ability.
  Tech Skills Used: OOPS, DSA, C++

CERTIFICATES

- Build Generative AI Apps and Solutions with No- code Tools – *Infosys*   Sep' 2025
- Chat-GPT, Gen AI & LLM – *Infosys*   Aug' 2025
- Code Off Duty – *Web Hackathon*   Mar' 2024
- FreeCode Camp – *Responsive Web Design*   Oct' 2023

ACHIEVEMENTS

- **LeetCode Problem-Solving Record**
  - Solved 50+ problems on LeetCode across Easy, Medium, and Hard categories

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering   Since Aug' 2023

- **Sri Chaitanya Jr college**   Andhra Pradesh, India
  Intermediate*;* **Percentage: 82%**   Jul' 2021 – Mar' 2023

- **J.M.J EM School**   Andhra Pradesh, India
  High School*;* **Percentage: 66%**   Jul' 2020 – Mar' 2021