

Inapakolla Sai Vignesh

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SKILLS

- **Languages:** C++, Java, C, Python, R
- **Frame Works:** HTML, CSS
- **Tools/Platforms:** MySQL, MS Excel, Tableau, Power BI, Git, GitHub, Linux
- **Soft Skills:** Problem-Solving , Communication, Time Management , Adaptability, Critical Thinking

PROJECTS

- **Customer Segmentation Using Mall Data:** June 2024 - July 2024
Developed a customer segmentation model using mall data and machine learning.
Preprocessed and analyzed data using **NumPy** and **Pandas** for **feature engineering**.
Applied **clustering algorithms** from **scikit-learn** to categorize customers based on shopping behavior.
Visualized insights to enhance business **decision-making** and marketing strategies.
Tech: Python, NumPy, Pandas, scikit-learn, Google Colab
- **Fitness Management System:** March 2023 – April 2023
Designed a fitness management system to track user workouts, diet plans, and progress.
Implemented features for user registration, exercise logging, and goal setting.
Used **file handling in C** to store and retrieve **fitness data** efficiently.
Tech: C, File Handling, Data Structures
- **Event Management System:** March 2024 – April 2024
Developed a comprehensive event management system using C++ with **Object-Oriented Programming** principles.
Implemented features for event creation, participant registration, scheduling, and data management.
Utilized **Standard Template Library (STL)** for efficient data handling with vectors, maps, and queues.
Employed classes, **inheritance**, and **encapsulation** to ensure modularity and maintainability.
Tech: C++, OOP, STL (vectors, maps, queues), File Handling

CERTIFICATES

- Python, Data Science and Machine Learning Integrated Course -Cipher Schools June 2024 - July 2024
- IBM Devops and Software Engineering Professional Certificate - Coursera September 2024 - November 2024
- IBM Data Analyst Professional Certificate – Coursera January 2025 - February 2025
- 100 Days of Code:The Complete Python Pro Bootcamp for 2023 by Dr.Angela Yu (Udemy) March 2024 – June 2024
- Cloud Computing Course By NPTEL August 2024 – November 2024

ACHIEVEMENTS

- **Secured Global Rank 90K:** January 2025
Among 8 lakhs participants in Leetcode Biweekly Contest 150
- **Solved more than 150 problems in LeetCode :** December 2024
Solved 150+ problems ,optimizing solutions to minimize time complexity
- **One among Dean's top 10 % students at University:** September 2024
For good academic performance and extra-curricular activities at University.
- **Participated in Hackathon Nebula Hacks :** February 2025
Gained many insights about collaborative problem solving .
- **Secured Second rank in the technical Exhibition :** August 2016
Participated and ranked second in the exhibition in our school

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.2 Since August 2022
- **Tirumala Junior Kalashala** Rajahmundry, Andhra Pradesh
Intermediate; Percentage: 92% June 2020 - March 2022
- **Tirumala E.M High School** Rajahmundry, Andhra Pradesh
Matriculation; Percentage: 100% July 2018 - April 2020