

Inapakolla Sai Vignesh

Linkedin: <https://www.linkedin.com/in/sai-vignesh-inapakolla>
Github: <https://github.com/saivigneshinapakolla>

Email : saivigneshinapakolla@gmail.com
Mobile: +91-9391588556

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