Lakimsetti Sai Sasank

LinkedIn: sasank17
GitHub: sasanklakimsetti

Email: saisasank.lakimsetti@gmail.com
Mobile: +91-9133931410

SKILLS

- **Programming Languages**: C++, Java, R, Python
- **Web Technologies**: HTML, CSS, NodeJS, ExpressJS
- **Databases**: SQL, MongoDB
- **Tools & Platforms**: Tableau, PowerBI, Android Studio, Microsoft Excel
- **Soft Skills**: Leadership, Project Management

TRAINING

Programming Pathshala (Edtech Company) — Jan' 25 – Feb' 25

Competitive Programming

- Trained on Data Structures and Algorithms using C++.
- Learned various techniques like sliding window, two pointers, fast and slow pointers, breadth-first search (BFS), and depth-first search (DFS) to solve problems efficiently.

PROJECTS

- **Travel With Us** | *HTML, CSS, JavaScript, NodeJS, Express JS, Real Time API, JWT, Mongoose* — Mar' 2025
  - Developed a multipurpose travel booking website, offering services such as train, bus, flight, and hotel reservations, along with in-train food ordering.
  - Built using front-end frameworks to deliver a user-friendly interface and a smooth booking experience.
  - Used third-party APIs to live track train status, retrieve trains between two stations. Used mongoose to use MongoDB for user registration. Implemented JWT to manage login sessions.

- **Credit Card Fraud Detection** | *R Programming, Machine Learning* — Nov' 2024
  - Developed and implemented machine learning models to detect fraudulent credit card transactions using classification algorithms like KNN, Naïve Bayes, Decision Tree, and Support Vector Machine (SVM).
  - Optimized model performance through data preprocessing, feature selection, and tuning, achieving up to 98.15% accuracy with Naïve Bayes.
  - Evaluated models using precision, recall, F1-score, and confusion matrix to enhance fraud detection reliability.

- **S&P 500 Global Market Analysis** | *Tableau* — Nov' 2024
  - Designed and developed an interactive dashboard for S&P 500 Global stocks data, providing comprehensive insights through multiple analytical worksheets.
  - Integrated various data visualization techniques to analyze key factors influencing stock performance, enabling investors to make well-informed decisions.
  - Conducted in-depth data analysis, identifying trends, correlations, and patterns to optimize investment strategies.
  - Optimized the dashboard for user-friendly navigation and real-time data interpretation, improving accessibility for financial decision-makers.

- **Courier Management System** | *C Programming* — Apr' 2023
  - A CLI-based program designed to help small-scale courier management companies efficiently handle package tracking, order management, and delivery coordination.
  - Utilized file management techniques for data storage, retrieval, and querying, eliminating the need for a complex database.
  - Enhanced operational efficiency by providing a structured and organized system for managing courier services.

CERTIFICATES

- Core Java | CipherSchools — May' 2024
- Data Structures and Algorithms | iamneo — Dec' 2023
- Object Oriented Programming | iamneo — Dec' 2023

EDUCATION

- **Lovely Professional University** — Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.28*** — *Since Aug' 2022*

- **Sasi Junior College** — Tanuku, Andhra Pradesh
  *Intermediate (PCM); **Percentage: 96%*** — *May' 2022*

- **Roots School of Essential Faculties** — Tanuku, Andhra Pradesh
  *Matriculation; **Percentage: 98%*** — *May' 2020*