

Manepalli Naga Sai Sitaram

LinkedIn: [linkedin/Sitaram-manepalli](#)

GitHub: [github/Sitaram](#)

E-mail: saisitaram49@gmail.com

Mobile: +91-9392705051

SKILLS

- **Languages:** C++, Python, SQL
- **Frameworks & Libraries:** HTML and CSS, NumPy, Pandas
- **Tools & Platforms:** MySQL, Git, GitHub, Power BI, Excel
- **Core CS & DSA :** DBMS, OS, CN, SQL, Data Structures & Algorithms
- **Soft Skills:** Time Management, Structured Problem Analysis, Cross-Domain Learning, Process Optimization

INTERNSHIP

Skill Dzure – Skill Dezire Technologies Pvt Ltd. | Certificate May' 25 – Jun' 25

- Refined 10,000+ data entries using preprocessing and feature engineering, leading to improved training stability and performance metrics.
- Achieved **93% accuracy** across Logistic Regression, Decision Tree, and Random Forest models through optimized data pipelines.

Technologies: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.

PROJECTS

Train Management System | GitHub Jan' 26 – Feb' 26

- Architected a C++ railway management system leveraging **7+ data structures** for route optimization and ticket processing.
- Applied **Binary Search and priority scheduling** to enhance search efficiency by 40%.
- Simulated **100+ ticket transactions**, ensuring scalable booking, cancellation, and waiting list management.

Tech stack: C++, DSA, Streamlit, STL

CVD Risk Analysis using Python | GitHub Jul' 25 – Aug' 25

- Analyzed **5,000+ patient records** using EDA techniques to identify high-risk cardiovascular indicators.
- Engineered features and trained predictive models achieving **91%** classification accuracy.
- Generated **10+ statistical visualizations** and validated predictors using **Z-tests and T-tests**.

Tech stack: Python, Pandas, NumPy, Matplotlib, Seaborn, Statsmodels

Makeup Tutorial Bot | GitHub Nov' 24 – Dec' 24

- Developed an AI-driven recommendation system integrating **Dialogflow and OpenAI API**, enabling personalized beauty guidance for users.
- Deployed chat functionality delivering structured tutorials and dynamic product suggestions.
- Enhanced user engagement through responsive conversational interactions.

Tech stack: HTML, CSS, JavaScript, Dialogflow, OpenAI API

TRAINING

A Hands-On Approach to Data Science – LPU | GitHub Jun' 25 – Jul' 25

- Designed a CVD risk prediction dashboard in **Power BI**, cutting data loading time by **12 seconds** through optimized DAX queries and Python transformations.
- Evaluated a Logistic Regression model achieving **93% accuracy** for predictive health insights.

Tech stack: Power BI, Python, Pandas, DAX, Scikit-learn

CERTIFICATES

- Deep Learning - NPTEL IIT Ropar | [Link](#) Apr' 25
- Introduction to Hardware and Operating Systems – IBM via Coursera | [Link](#) Sep' 24
- Data Analytics Job Simulation – DELOITTE | [Link](#)
- Cohort 100% Job Ready DSA Course – Lets Upgrade | [Link](#) Feb' 24

ACHIEVEMENTS

- Solved 150+ problems **LeetCode & Hacker Rank**, improving algorithm design and time-complexity analysis Feb' 26
- Earned top badges on **Hacker Rank**, including a 3-star rating in C++ for consistent performance. Mar' 25

EDUCATION

Lovely Professional University Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.20 Aug' 23 - Present

Sasi Jr College Nidadavole, Andhra Pradesh
Intermediate; Percentage: 95.6% Jun' 21 – Apr' 23

Pupil Tree School Nidadavole, Andhra Pradesh
Matriculation; Percentage: 91% Jun' 20 - Apr' 21

