

Saathwik Mailapalli

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LinkedIn: Mailapalli Saathwik | GitHub: Saathwik43 | LeetCode: me_saathwik

Summary

Motivated Data Science Engineering student with a strong foundation in software development and machine learning. Proficient in Python, C++, and SQL, with experience in developing predictive models and web apps. A passionate, community-oriented learner dedicated to solving real-world problems collaboratively.

Education

Raghu Engineering College | Visakhapatnam

B.Tech, Data Science Engineering | Expected 2026

CGPA: 8.19 | Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Machine Learning, Image Processing

Sri Chaitanya Junior College | Visakhapatnam

Intermediate (MPC) | 2022

Percentage: 95%

Projects

Customer Churn Prediction Model

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

Engineered an ML model to predict customer churn, using exploratory data analysis to identify key indicators. Implemented and evaluated various classification algorithms to inform retention strategies and achieve high accuracy. *[Work in Progress]*

AI Poetic Quote Generator

Technologies: Python, AI/ML Libraries

Developed an AI application to generate original poetic quotes by fine-tuning a language model on a curated literary dataset. Designed an intuitive UI for seamless user interaction. [GitHub Link](#).

Personal Portfolio Website

Technologies: HTML, CSS, JavaScript

Built a fully responsive portfolio to showcase skills and projects, implementing interactive UI components with JavaScript. Focused on clean code, modern design, and a positive user experience.

Technical Skills

Languages: Python, C++, SQL, JavaScript, HTML/CSS, R, Java

Libraries/Frameworks: Pandas, Scikit-learn, Matplotlib, Seaborn

Databases: MySQL (Proficient)

Tools & Technologies: Visual Studio Code, Git & GitHub, MATLAB

Experience & Extracurriculars

Community Service Project - Renewable Energy Awareness

Co-organized community workshops and informational sessions about renewable energy, and distributed surveys to gauge interest in sustainable practices.

Certifications

Image Processing with MATLAB

Python and SQL Skill Rack Certification