SOHITH SAI MALYALA
DATA SCIENTIST

CONTACT

📱 716 908 5776

✉ sohithsaimalyala@gmail.com

🌐 http://linkedin.com/in/sohithsaimalyala

📍 1525 Amherst Manor,Apt 410,Buffalo,NY

SKILLS

Python

Data Science

Machine Learning

Deep Learning

Java Script

C++

Java

Data Models and Query Language

CSS

Data Mining

Data Structures and Algorithms

EDUCATION

Mastersin Data Science

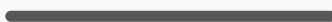**State University of New York at Buffalo**

Learning Num Math,Statistical learning and Data Mining

Bachelors in Technology

SRM University-AP   2020-2024

Majored in Computer Science Engineering, specialised in Data Science

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LANGUAGES

English ████████████████████

Hindi ██████████████

Telugu ██████████████

PROFILE

I am a dedicated data science professional with a strong foundation in computer science engineering and a specialization in data science. I hold a bachelor's degree from SRM University AP, where I gained comprehensive knowledge in data analysis, machine learning, and algorithm development. Currently, I am advancing my expertise by pursuing a master's degree in Data Science at the University at Buffalo. My academic background and hands-on experience equip me with the skills to solve complex problems, leverage data-driven insights, and contribute to innovative projects in the field of data science.

WORK EXPERIENCE

Capstone Project   Jan 2024 - May 2024

Digital Twin Driven Software defined Network for smart cities

- Developing a digital twin platform that mirrors real-world smart city infrastructure.
- Allowing for real-time data analysis, system monitoring, and simulations.
- This project aims to enhance urban management, optimize resource use, and improve decision-making processes through advanced networking and digital modeling technologies.

Domain: Cyber Security

Computing with Encrypted Data possibly by Transposition Cipher

SRM University-AP   Jun 2022 – Jan 2023

- The technique of encoding data so that it is concealed from or unavailable to unauthorized users is known as encryption.
- Transposition encryption is an encryption technique that makes it difficult to find character positions without altering actual characters
- We used Columnar Transposition Cipher to encrypt and decrypt a text between the Server and Client.

Job Seeking Portal

Full Stack   Sep 2020- Jan 2022

- Developed an online portal that can be used to post or seek jobs.
- We created an interface where a user can be an admin who needs employees and posts jobs and seekers who need employment.

Music Recommendation System   Sep 2023 – Jan 2023

Machine Learning

- Built a recommending system for the prediction of songs based on "Spotify Dataset" the user's interest, moods, more likely to listen,favorites, and frequent genres.
- This model learns the data of the user by their genres, number of times played and year-wise popular music and gives them suggestions.

Publications

Review Papers
                                                 Sep 9,2023

Exploring How AI Answering Models Understand and Respond in Context | IJRASET

                                                 Aug 8,2023

Predictive Modelling for Overweight and Obesity: Harnessing Machine Learning methods | IJRET