

VENKATA SAI ADITHYA AKULA

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EDUCATION

NIT CALICUT

DEC 2020 to present
B.Tech in CSE

CGPA:7.51/10

Sri Chaitanya Co-ED

College

2018 to 2020
Inter

Marks: 964/1000

LANGUAGES

- Telugu
- English

HOBBIES

- Chess
- Badminton
- Cricket

LINKS

Github [↗](#)

LinkedIn [↗](#)

CERTIFICATES

- Crash Course on Python [↗](#)
- Machine Learning [↗](#)

SKILLS

C • C++ • Python • OOPS • MySQL • DSA • HTML • CSS • Php
Javascript

COURSEWORK

- Data Structures and Algorithm
- Operating System
- DataBase Management System
- Machine Learning

PROJECTS

Text Compression | Mini Project [↗](#)

C++ | DSA

- Implemented a text compression system using the Huffman coding algorithm in C++.
- Demonstrated a significant reduction in file sizes while maintaining data integrity and accuracy.

Pharmacy management system [↗](#)

HTML | CSS | PHP | MySQL

- Collaborated with a dedicated team to develop a robust pharmacy management system using XAMPP server,MySQL, HTML, CSS, and PHP.
- Led back-end development and ensured seamless data retrieval, processing, and presentation, collaborating closely with front-end developers.

Loan Approval Prediction [↗](#)

Python | Sklearn | Machine Learning

- Conducted data analysis and preprocessing on loan applicant data using Python libraries.
- Developed machine learning models including Logistic Regression, SVM, Random Forest, and Decision Tree.
- Implemented techniques such as oversampling (SMOTE) to address data imbalance and improve model performance.
- Achieved notable accuracy scores on testing data for various models, ranging from 80% to 85%.