SESHU MEDAPI

7780376922 ◇ Andhra Pradesh, INDIA
seshu.m20@iiits.in ◇ LinkedIn ◇ GitHub

EDUCATION

Bachelor of Technology (Indian Institute of Information Technology, SriCity) August,2020 - May,2024

Computer Science Engineering (CGPA : 7.15)

Courses: Data Structures and Algorithms, Full Stack Development, Computer Architecture, Database Management, Computer Networks, Object Oriented Programming, Artificial Intelligence, Machine Learning.

SKILLS

Technical Skills: Python, C++, HTML, CSS, JavaScript
Databases: Database Management System
Frame Works: ReactJS, NodeJS, Bootstrap

PROJECTS

Lung Cancer Prediction with gene expression data.(ML, DL, Bio Informatics).

- We are a group of 3 members, and our B.Tech project combines the fields of bioinformatics and machine learning. Our project focuses on predicting an individual's probability of developing lung cancer using gene expression data. We have achieved a remarkable accuracy rate of 99.06
- This collaborative effort brings together experts from multiple disciplines, including biology, data analysis, and AI. Our project holds substantial promise, with the potential to enable early diagnosis and tailor personalized interventions, thus maximizing impact

Democracy, Full Stack Development(Full Stack).

- Championed a cross-functional team of 5 members to conceptualize and execute a citizen-reporting platform; revolutionized problem-solving, budget allocation, and citizen-government interaction, leading to an impressive 40% reduction in reported community issues.

Automatic Question Generator, Information Retrieval(Python).

- As a 2 member team specializing in information retrieval, we have jointly created a system designed to autonomously generate questions from paragraphs. This system significantly bolsters comprehension and actively engages readers with textual content.
- This engine achieves an impressive accuracy of 8 out of 10 in generating correct question and answer pairs.

Cancer classification based on gene expression data(ML and Bio-informatics).

- Our five-member team has developed a precise cancer classification model. It achieves an accuracy of over 90% using techniques like PCA, SVM, ROC Curve, and Random Forest, offering invaluable insights for diagnostics and treatments.
- Our Machine,s Accuracy is almost 69%.

Tetris Game, Multimedia System(Python and Multi Media Components).

- Our tight-knit team of four created a captivating Python Tetris game. Players can strategically complete multiple horizontal lines, earning points, in a visually immersive experience with graphics, user interface enhancements, and dynamic audio.

EXTRA-CURRICULAR ACTIVITIES

- I excel in Volleyball, Cricket, and Kabaddi, earning recognition as the Inter IIIT Volleyball Player and serving as Trishul House Head during college games.