

NUKA SUDHEER

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EDUCATION

Indian Institute of Information and technology Sri City *December 2020 - present*
B Tech, Computer science and Engineering. GPA : 8.03/10

Narayana Junior College *June 2017 - March 2019*
Intermediate GPA : 9.54/10

SKILLS

Languages	C/C++, Python, JavaScript, SQL
Tools	Git/Github, Postman, VScode
Libraries/ Frameworks	Reactjs, Nodejs, Expressjs, Mongoose
Database	MySQL, MongoDB
Major Courses	C Programming, Data Structures and Algorithms, Database Management System, Object Oriented Programming, Full Stack Web-development

PROJECTS

Lyric Search Engine [Drive Github](#) August 2022 - December 2022

- Developed a Lyric Search Engine using the VSM to recommend similar lyrics for broken lyrics.
- Optimized searching with cosine similarity and relevance feedback using the Rocchio algorithm.
- Enhanced search accuracy by approximately 30% through user feedback, significantly improving results.
- **Tech:** Vector Space Model (VSM), Python, Numpy, Pandas.

E-commerce [Github](#) January 2021 - December 2022

- Constructed a cutting-edge e-commerce website using the MERN stack, achieving a responsive interface.
- Offered the latest electronic gadgets with a 98% user-friendly design, ensuring an exceptionally smooth shopping experience for customers, alongside robust admin controls for streamlined management.
- **Tech:** HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS, MongoDB.

Job Recommendation System [Github](#) August 2022 - December 2022

- Developed a job recommendation system using NLP to preprocess job datasets, including data cleaning, lowercasing, tokenization, all non alphabets removal, whitespaces removal and stopwords removal.
- Utilized the NLTK library for text preprocessing, improving data quality for recommendations.
- Based on the user's resume, provide personalized job recommendations and suggest top 4 suitable roles.
- **Tech:** Python, Numpy, Pandas.

Covid Vaccination Management System [Github](#) August 2021 - December 2021

- Designed a Java-based application to manage vaccination records with a sample of 50 records in a MySQL database, implementing features for loading, displaying, and updating data related to Covid.
- Provided functionalities include counting the number of records per category or dose status, and more.
- Integrated seamlessly with a MySQL database for efficient data storage and retrieval.
- **Tech:** Java, Mysql, SQL.

ACHIEVEMENTS & ACTIVITIES

- Managed a 4-member team in a Job Recommendation System Project.
- Solved 300+ DSA Problems.
- Ranked 20 out of 904 registered students of IIIT Sri City on GeeksforGeeks.
- Ranked in the top 3.5% in JEE Main exam.