

YESHWANTH SAI SRINIVAS VANDRAPU

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EDUCATION

IIIT SRI CITY, CHITTOR

Bachelor of Technology in Computer Science Engineering

Narayana Junior College, Nidamanuru, Vijayawada

Intermediate, MPC

Oxford Kennedy High School, Narendrapuram

SSC

Expected 05/2024

CGPA: 8.42/10

2017 – 2019

CGPA: 10/10

2016 – 2017

GPA: 10/10

RELEVANT COURSEWORK

- Data Structures
- SQL
- OOPS
- Operating System
- DBMS
- Computer Networks

PROJECTS

Mapty

GitHub Link: [🔗](#)

- It is an event sharing platform in which can create, view and share events on a map.
- User get to see all the events happening around him based on his location.
- **Tech-stack:** ReactJS, Express, NodeJS, MongoDB and Leaflet library for map-based features.

Job recommender system using NLP

GitHub Link: [🔗](#)

- It is a platform where users can upload their resume and discover ideal job opportunities aligned with their unique skill sets.
- **Tech-stack:** Python, Stream lit, Natural Language processing.

Music Retrieval System

GitHub Link: [🔗](#)

- Lyric Search Engine using Vector Space Model (VSM) to recommend similar lyrics based on broken lyrics. We optimized searching by using cosine similarity, relevance feedback with Rocchio algorithm, and implementing genre and artist-based filtering.
- **Tech-stack:** Vector Space Model (VSM), Python, NumPy, Pandas

Library Maintenance Records System

GitHub Link: [🔗](#)

- Library Maintenance system is a command line application which performs CRUD operations, searching, filtering and maintenance of books present in the library.
- Implemented the 4 main pillars of OOP that are encapsulation, abstraction, inheritance, and polymorphism.
- **Tech-stack:** Java, JDBC and MySQL.

RESEARCH AREA

PM 2.5 dispersion and forecast modelling.

- Working on various statistical and machine learning models to estimate the concentration levels of pm 2.5
- Ongoing B. tech thesis Project (BTP) under the guidance of Dr. Mainak Thakur.
- **Tech-stack:** Python, NumPy, Matplotlib, LSTM, Graph Neural Networks

TECHNICAL SKILLS

- **Programming languages:** C/C++ (proficient), SQL (proficient), Python, Java (limited experience)
- **Web Development:** Html, CSS, JavaScript, Nodejs, Mongo DB.
- **Tools/Frameworks:** JDBC, Express.js, React.js, Bootstrap, GitHub.

ACTIVITIES AND LEADERSHIP

- Collaborated with a 5-member team to build a Full Stack web application known as **Mapty**– A platform for people to create, view and share events on a map.
- Solve 200+ DSA problems on various online platforms
- Active member of IOTA club (student project club).
- Participated in various community help events organized by college NSS club.