

VASITA PUPPALA

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Education

Chaitanya Bharathi Institute of Technology

B.E in Computer Science & Engineering

2022 - 2026

9.79/10 CGPA

Narayana Junior College, Vijayawada

Higher Secondary Education (12th)

2020 - 2022

98.7%

Projects

Movie Recommendation System

[Source Code](#)

- Uses Python libraries like **pandas**, **sklearn**, and **nlTK** for data preprocessing and NLP.
- Requires understanding of these libraries and dataset handling.

Quiz website using MERN

[Github](#) [Demo video](#)

- Created a quiz website in which users can create quizzes, play quizzes created by others and manage their own quizzes.
- Has user authentication with **MongoDB** for storing data with hashed passwords using **bcrypt**.
- Used **NodeJS** for backend , **Express** as middleware and **React** for front end

Customer Churn Prediction Model

[Github](#)

- Used **SVM** model for customer churn prediction.
- Did Hyperparameter tuning on the results after undersampling and oversampling for getting best results
- Achieved 93 percent accuracy on the model

Real Time blood transfusion prediction model using IBM Cloud and APIs

[Github](#)

- Created a real time blood donation prediction model using **Watson Studio from IBM cloud**.
- Integrated the model into a react application which uses **nodeJS** for backend and **EXpress** for routing , using API keys.
- Uses the **XGB** model , which is recommended by **autoAI** feature in IBM cloud.
- Users can input parameters to get the corresponding predcition along with the probability of result.

Movie Website Using React

[Source code](#)

- A movies website using **React** with few movie collections , with a netflix inspired look ,using **MongoDB** for storing user data.
- Implemented features like a mini search bar, **routing**, and redirects while making use of react features like **hooks**.

Customer Segmentation using Kmeans Clustering

[Project report](#)

- Implemented Customer Segmentation with **KMeans Clustering** using a Kaggle dataset.
- Made a clear report on the entire project with visualization of various plots, including external links to code , output dataset and input dataset

Portfolio Website

[Website](#)

- Built a portfolio website showcasing my skills and projects using **HTML,CSS,Bootstrap and Javascript**
- Made it responsive and added external links for contact.

Skills

Languages: Python, Beginner C, SQL, Beginner Java

Web Development: HTML, CSS, Bootstrap, JavaScript, ReactJS, NodeJS, ExpressJS , MongoDB

Other Skills: Data Structures and Algorithms, Problem Solving , Git and GitHub , IBM Cloud

Languages: English, Telugu, Hindi

Professional Skills: Communication skills , Teamwork

Achievements

- Top 1% in NPTEL certification on Problem Solving Through Programming in C [Certificate](#)
- Topped the panel in HacktoberFest Hackathon conducted by the Open Source Community of CBIT
- Secured 97 percentile in JEE Mains
- Secured 946 rank in TS EAMCET

Position of Responsibility

- **Junior Developer** at CBIT's Open Source Community , contributed into developing a react website for the club
- **Junior Coordinator** at Communicando, The Literary Club of CBIT