K.Tanvik Reddy

Hyderabad, Telangana
9052249848 tanvikreddy24@gmail.com GitHub LeetCode

EDUCATION

Keshav Memorial Institute of Technology **Dec. 2021 – 2025**
B.Tech In Computer Science And Engineering ***CGPA - 8.34/10*** *Hyderabad, India*

Sri Chaitanya Junior College **March. 2019 – August 2021**
Intermediate Maths, Physics, Chemistry ***Percentage - 91*** *Hyderabad, India*

Johnson Grammar School ICSE **March 2019**
ICSE ***Percentage - 87*** *Hyderabad, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- Operating Systems
- OOPS Concept
- Web Development

TECHNICAL SKILLS

Languages: Java,SQL,ReactJs,ExpressJs,NodeJs
Developer Tools: VS Code,Git,Github,NPM,Postman,Thunderclient,versel,render
Technologies/Frameworks: GitHub, ReactJS, NodeJS, ExpressJS, Git, Mongo

PROJECTS

Lost and Found Website | MongoDB, Express.js, React.js, Node.js, **Feb–May 2024**

- Developed a platform for efficiently managing lost and found items, providing streamlined communication between users.
- Designed and implemented secure user registration, login, and authentication.
- Created RESTful APIs for posting, searching, and filtering items based on category, location, and time.
- Built a dynamic and responsive frontend using React.js with css for styling.
- Integrated MongoDB with Mongoose for efficient data management of user details and item information.
- Deployed the frontend on Vercel and backend on Render.com for robust hosting and accessibility.

Music Generation Using Transformer Model Python,PyTorch,Transformers **OCT 2023-JAN 2024**

- Developed a music generation system using a Transformer model trained on video game music datasets to generate original piano performances.
- Implemented a sequence-to-sequence approach, training the model to predict the next musical note based on prior context using MIDI data.
- Integrated the model into an interactive platform with Google Colab, allowing users to generate and download MIDI files of generated music.

Sentiment Analysis of Movie Reviews Using LSTM | Python,TensorFlow,LSTM **JULY-2023**

- Developed an interactive web application for sentiment analysis of IMDb movie reviews using a Long Short-Term Memory (LSTM) model.
- Implemented data preprocessing techniques and integrated the LSTM model to classify reviews as positive or negative.
- Built a user-friendly interface with Streamlit, enabling users to input reviews and receive real-time sentiment predictions.

EXTRACURRICULAR

Recurse Club **08 2022 – 06 2023**
Member *KMIT*

- Participated in coding challenges, hackathons, and club events.
- Collaborated on programming projects and improved coding skills.

CERTIFICATIONS

- Participated in Flipkart GRiD 6.0 - Software Development Track
- HackerRank Java Certificate(ID-715725DO652A)
- Introduction to Gen ai-GOOGLE