RAVI CHANDRA KAMCHETTY

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EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology   **06 2021 To Present**
B.Tech - CGPA - 8.94   *Hyderabad*

SKILLS

- Data Structures & Algorithms
- C/C++, Java
- MySQL & MongoDB
- Python
- MERN Stack
- JavaScript
- Flask
- OpenCV
- Basics of & ML Algoritms
- Data Visualization

PROJECTS

Movie Recommendation By Face Emotion Recognition | MERN, OpenCV, CNN, Flask

- Spearheaded the development and successful implementation of an advanced Movie Recommendation System utilizing cutting-edge technologies: MERN stack, OpenCV, CNN, and Flask.
- Achieved a remarkable 90% accuracy in identifying and categorizing diverse emotional states, revolutionizing user experience and enabling effective targeted marketing campaigns.
- **Drove a substantial 25% increase in user satisfaction following the successful implementation of the recommendation system.** .

Digits Classification | Tensorflow

- Implemented a TensorFlow-based Convolutional Neural Network (CNN) for digit classification, achieving an outstanding 98% accuracy across diverse digits (0-9).
- Deployed this advanced technology to significantly enhance efficiency in automated digit recognition tasks.

Quick Food | ReactJS, NodeJS

- Engineered Quick Food, a dynamic ReactJS and NodeJS-powered platform, successfully reducing average waiting times from 30 minutes to 10 minutes, achieving a remarkable 66% reduction.
- Accomplished substantial enhancements in user satisfaction and operational efficiency by effectively minimizing queues, thereby elevating the overall customer experience.

Login App | NodeJS, MongoDB, Backend, ExpressJS

- Created a secure login app with MongoDB backend, reducing login times by 40%.
- Implemented a password recovery mechanism, slashing recovery time by 50%, demonstrating expertise in data management and user authentication.

Netflix Clone - Web Application | ReactJS, Firebase Authentication

- Developed a Netflix clone using ReactJS and Firebase, integrating TMDB API for trailers.
- Achieved a 30% longer session duration and a 20% increase in click-through rates, enhancing user engagement and preview effectiveness.

ACHIEVEMENTS

- Solved over 500+ programming questions on various coding platforms (Leetcode, Codechef, Hackerrank, Codeforces etc.).
- Attained a Codechef maximum rating of 1576, demonstrating expertise in algorithmic programming and consistently delivering high-quality solutions.

CERTIFICATIONS

SOFTWARE HACKATHON | Quick Food

- Certificate for Participation in Software Hackathon during convergence - technical fest of VNRVJIET.

Infosys Springboard |

- Successfully completed the "Introduction to Unix" course at Infosys Springboard.

Supervised Machine Learning |

- Certificate from Coursera issued for completion of the course by AndrewNg