







Vishnu Vardhan Vankayalapati

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EDUCATION

University of North Carolina, Masters in Computer Science Jan 2022 – May 2024
Khammam Institute of Technology & Science, Bachelor of Technology Jul 2017 – Sep 2021

SKILLS

HTML, CSS, JavaScript, Java, Python, ReactJs, React Native, Flutter, Postgres, MongoDB, Redux, Redux Toolkit, Jest, TailwindCSS, Bootstrap, Git, GitHub, NodeJs (basic), ExpressJs (basic), Software Testing, Object-Oriented Programming (OOPS) Concepts, Debugging and Troubleshooting, Agile Methodologies.

PERSONAL PROJECTS

Swiggy Clone:

React, Redux, Tailwind CSS

- Developed a Swiggy-like food delivery application, featuring real-time API integration, responsive design, and performance optimization through lazy loading and code splitting.
- Integrated a comprehensive UI/UX using React and Tailwind, ensuring a seamless user experience.
- Built a scalable backend API for managing user data, orders, and restaurant information, and utilized Redux for efficient state management, enhancing application performance and reliability.

Video Streaming App:

React, Redux, Tailwind CSS

- Developed a YouTube clone using React.js, TailwindCSS, Redux, and React Router, integrating YouTube's public API for seamless data retrieval.
- Enhanced user experience with infinite scrolling, lazy loading, custom Shimmer UI, and real-time live chat polling.
- Managed state efficiently with Redux and implemented a search feature using Google Suggestions API, with debouncing for optimized performance.

AI Driven Movie Recommendation App:

React, Redux, Tailwind CSS, Firebase

- Developed a React application integrating the ChatGPT API to create an Scalable AI-driven movie recommendation system.
- Utilized TMDB API's to fetch comprehensive movie data, enhancing recommendation accuracy.
- Integrated Firebase for User Authentication, ensuring secure sign-in and sign-up functionality.
- Implemented multi-language support in the application to enhance accessibility and accommodate diverse user preferences

RELATED COURSEWORK

- Web Development, Software Engineering, Design & Analysis of Algorithm, Database System Management, Data Science, Machine Learning and Deep Learning, Cloud Computing, Statistics, Operating Systems.

ACHIEVEMENTS

- Directed team practices and enhanced strategic game plans which resulted in a 35% improvement in team cohesion and ultimately led to winning the tournament and achieving overall top ranking.
- Solved over 120+ LeetCode problems with a 71.59% acceptance rate, showcasing skills in efficiency optimization and data structures & algorithms knowledge.

CERTIFICATIONS

- JavaScript - The Complete Guide
- ReactJS
- React Native