Kiran Kumar R

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PROFILE

Result - Oriented *Graduate Student* in Computer Science Engineering. Completed a course in *MERN* full stack development proficient in MongoDB, ExpressJS, ReactJS and NodeJS.

OBJECTIVE

Aspiring **Full-Stack Developer** with a focus on Front-End Development, seeking an opportunity in a collaborative institution that values teamwork and innovation. Passionate about building dynamic and user-friendly web applications while continuously learning and growing.

EDUCATION

B.E in Computer Science & Engineering   CGPA – 7.5   June 2024

Jyothy Institute of Technology(JIT), Visvesvaraya Technological University (VTU)

Diploma(Computer Science)   Percentage – 69   Dec 2021

B.E.S Institute of Technology(B.E.S.I.T), Department of Technical Education (DTE)

S.S.L.C(State Board)   Percentage – 75   June 2018

Vijaya High School

TECHNICAL SKILLS

Programming Languages: SQL**,** HTML, CSS, JavaScript.

Libraries: ReactJS.   *Framework:* ExpressJS

IDE's / VCS): VS code, NodeJS, GIT.

Operating systems: Windows, Ubuntu.   *Database:* MongoDB

PROFESSIONAL EXPERIENCE

AI & ML Intern, STEP – NITK

- As an AI & ML Intern at STEP – NITK, I had the opportunity to work on various projects centered on artificial intelligence and machine learning virtually. I applied my theoretical knowledge to practical applications, contributing to projects such as the *identification of lung diseases*, *dog breeds, diverse clothing types,* and the *development of a driver drowsiness detection system.*

ACADEMIC PROJECTS

Automated Bird Species Identification Using Artificial Intelligence & Neural Networks   *Mar 2024*

- Developed an automated bird species identification system using audio signal processing and machine learning in Python. Utilized Mel-Frequency Cepstral Coefficients (MFCCs) and Artificial Neural Network (ANN) model to classify species with high accuracy. Deployed as a web application for real-time species predictions.

ReactJS & JS Projects :   *Sept – Dec 2024*

- *Music Application* – Designed and developed a comprehensive Music Application featuring song playback controls, shuffle, loop, and playlist display capabilities.
- *Rock Paper Scissor Game* – Developed an interactive Rock-Paper-Scissors game, enabling users to compete against the computer's random selections.
- *TODO Application* – Allows users to add, delete, and mark tasks as completed.
- *Fetching API's* – IMDB and YouTube API which Displays Movie & their details based on user input.
- *Quiz Application* – Enables users to take quizzes and to view results.
- *Cloned Sites* – Created clones of webpages such as Test Yantra & WHO and many more.

MERN Project :   *Dec 2024*

- *Chat Application* – Developed a real-time Live Chat Application enabling users to sign up/login, engage in individual and group conversations, and dynamically manage group memberships through user additions and removals.

EXTRA-CURRICULAR ACTIVITIES

- **Volunteer Teaching** (Govt School, Uttarahalli)   **Dec 2022 – Jan 2023**
- **Volunteer (**Wheel Chair Cricket**)**   **Sep 2023 – Sep 2023**