Sai Sujan.S

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SUMMARY

Result - oriented *Graduate Student* in Computer Science Engineering. Completed an internship in AI & ML and currently pursuing a *MERN Stack course* to further enhance my technical skills.

EDUCATION

B.E in Computer Science & Engineering   *GPA – 7.5*   *June 2024*
Jyothy Institute of Technology(JIT) , Visvesvaraya Technological University (VTU)
Undergrad Coursework: Computer Science and Engineering

Pre-University   *Percentage – 70%*   *June 2020*
St. Francis PU College
Coursework: PCMC

S.S.L.C. (State Board)   *Percentage – 84%*   *June 2018*
Indira Convent High School

TECHNICAL SKILLS

Programming Languages: HTML&CSS, JavaScript *[DOM Manipulation, Arrow Functions, Async/Await…]*.
Library: ReactJS *[JSX, React DOM, Props, React Hooks, Components…]* .   *Framework:* ExpressJS.
IDE's / VCS: NodeJS, VS Code, GIT.   *Backend :* NodeJS.
Operating systems: Windows, Ubuntu.   *Database:* MongoDB.

PROFESSIONAL EXPERIENCE

AI & ML Intern, STEP – NITK   *Aug 2023 - Sept 2023*

- 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, Covid Mask Detector* and the *Development of a Basic Covid-19 detection system.*

ACADEMIC PROJECTS

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

- Developed a system for automated bird species identification using audio signal processing and machine learning, implemented with Python, and trained an ANN model to classify bird species with high accuracy using MFCCs.

ReactJS & JS Projects :   *Sept – Dec 2024*

- *Weather Application* – Displays weather details based on user input.
- *Chain Reaction Game* – A Multiplayer Game which triggers the Winner's or Loser's state in a click.
- *TODO Application* – Allows users to add, delete, and mark tasks as completed.
- *IMDB Application* – Displays Movie & their details based on user input.
- *Quiz Application* – Enables users to take quizzes and submit to view results
- *Cloned Sites* – Created clones of websites such as Test Yantra & parts of YouTube and many more.

MERN Project :   *Dec 2024*

- *Something Application* – A dynamic social media platform enabling users to post, share images/text, and interact through likes, comments, and shares, with an engaging feed to discover and discuss new content.
- *ChatSphere Application* – A seamless real-time chat app built with React, Node.js, and MongoDB, featuring WebSocket messaging, JWT-secured authentication, user profiles, chats, and chat history, deployed on Render.
- *Quiz Master Application* – An interactive quiz app for users to take quizzes, track scores, and review answers, with admin controls for managing content and stats.