Bhanu Teja Sadu

+91-9949919725 | venkatasribhanuteja.s20@iiits.in | [Linkedin](#)| [github](#)

EDUCATION

Indian Institute of Information Technology, *Sri City, India*   *Dec 2020 - present*

Bachelors of Technology in Computer Science and Engineering

Courses: Web Development, Cloud Computing, Overview of Computers, Computer Architecture, Machine Learning,
Database Management Systems, Computer and Communication Networks (TCP/IP and network programming)

CGPA : 8.30

WORK EXPERIENCE

Wikipedia Hackathon, *IIIT Hyderabad, India*   *Feb 2023 - Mar 2023*
- Spearheaded an initiative to streamline the tech stack of VideoCutTool by replacing MongoDB with SQLite, resulting in enhanced performance and resource efficiency.
- Collaborated with a team of 3 to plan and execute the migration process, ensuring a smooth transition from the previous database to SQLite.
- Played a key role in enhancing the accessibility and maintainability of VideoCutTool , making it easier for future contributors to extend and improve the application.
- The ongoing work on the migration is a testament to the dedication and commitment of the volunteer team, and a patch is slated to be submitted to the project maintainers shortly, further contributing to the open-source community's growth.

PROJECTS

[SwingBar](#)   *May 2023 - June 2023*
- Developed SwingBar, a dynamic website using HTML, CSS, and JavaScript.
- Utilized CDNJS GSAP for smooth animations and improved user engagement.
- Ensured efficient code structure for readability and scalability.
- Crafted captivating animations to enhance the user experience.

ElectroChat   *Oct 2022 - Dec 2022*
- Developed an innovation aimed at assisting users with their queries related to electronic gadgets.
- Leveraged NLTK (Natural Language Toolkit) and Python to build the chatbot's functionality and enhance its natural language processing capabilities.
- Designed and implemented the rule-based logic of the chatbot to handle 15-20 of user queries .
- Conducted extensive testing and troubleshooting to identify and fix any issues or bugs in the chatbot's functionality.
- Guided 100+ users on knowing insights about the electronic gadgets.

Complain-Ease   *Oct 2022 - Dec 2022*
- Developed a good looking web application using HTML/CSS , React.JS, Node.JS where users can lodge complaints regarding their locality problems which can be viewed directly by respective authority employees.
- Around 20-30 users have registered and filed complaints with ease.

Foodie   *Jan 2022 - Dec 2022*
- Implemented an intuitive and visually appealing user interface using React, ensuring an engaging and efficient user experience.
- Integrated JSON server to store and manage the applications data , ensuring seamless data retrieval and manipulation.
- Collaborated closely with five members of a cross-functional team, including designers, to guarantee the smooth integration of frontend components.

SKILLS

- **Programming Languages:** C, C++, Python, SQL, Javascript.
- **Web Development:** HTTP, HTML/DOM, CSS, Bootstrap, Redux, Node.js, REST APIs, React.js.
- **Tools & Libraries:** Numpy, PyTorch, Tensorflow, Pandas, Scikit-learn, Matplotlib, Keras, APIs.
- **Platforms:** Matlab, Git, MySQL, MongoDB,Unix/Linux, Windows.
- **Achievements:** Successfully solved over 240+ problems on [LeetCode](#), focusing on data structures and algorithms.