

# Bhanu Teja Sadu

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## EDUCATION

**Indian Institute of Information Technology, Sri City, India**  
Bachelors of Technology in Computer Science and Engineering  
CGPA : 8.30

Dec 2020 - present

## 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

### [TickTrack](#)

Jan 2024 - Present

- Developed end-to-end backend infrastructure for a feature-rich todo list application.
- Implemented secure user **authentication** via cookies, bolstering system integrity.
- Employed **JWT tokenization** to encrypt and protect sensitive data during transmission.
- Utilized **Bcrypt hashing** for secure storage and protection of user passwords.
- Deployed the system on Render, ensuring seamless and reliable hosting for enhanced accessibility and performance.

### [Boundless](#)

Dec 2023 - Present

- Developed a dynamic **React JS** eCommerce site with clean code and UI/UX focus.
- Designed an engaging Home page with trending products and user-friendly features.
- Created sleek category-specific product pages with detailed descriptions.

### [MarkDone](#)

Jan 2024 - Feb 2024

- Spearheaded the development of a feature-rich to-do list application using **React**.
- Implemented advanced **React Hooks** like **useState** and **useEffect** for efficient state management and component lifecycle handling.
- Utilized **localStorage** to persist data, eliminating the need for resetting to default state upon project reload.
- Ensured code cleanliness and maintainability, reflecting a dedication to high-quality development practices.

### [SwingBar](#)

May 2023 - June 2023

- Developed SwingBar, a dynamic website using **HTML**, **CSS**, and **JavaScript**.
- Utilized **GSAP** for smooth animations and improved user engagement.
- Ensured efficient code structure for readability and scalability.
- Crafted captivating animations to enhance the user experience.

## SKILLS

- **Programming Languages:** C, C++, Python, **SQL**, Javascript.
- **Web Development:** HTTP, HTML/DOM, CSS, Bootstrap, **Redux**, **Node.js**, **RESTful APIs**, **React.js**.
- **Platforms:** Git, **MySQL**, MongoDB.
- **Achievements:** Successfully solved over 260+ problems on [LeetCode](#).

