

Bhanu Teja Sadu

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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, 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.
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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.

Boundless

May 2023 - June 2023

- 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.

[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.
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SKILLS

- **Programming Languages:** C, C++, Python, **SQL**, Javascript.
- **Web Development:** HTTP, HTML/DOM, CSS, Bootstrap, **Redux**, **Node.js**, **RESTful 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 260+ problems on [LeetCode](#).