Srungavarapu Sriharsha

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in LinkedIn   ○ Github

EDUCATION

2019 – 2023	**B.Tech in Electronics and Communication Engineering,**
	Gayatri Vidya Parishad College of Engineering
	CGPA - 6.73

SKILLS

Languages
Python, C, HTML, CSS, JavaScript

Frameworks
ReactJS, Redux, NodeJS, ExpressJS, SASS, Tailwind, NumPy, Pandas

Tools and Databases
VS Code, Git , SQL, MongoDB

PROJECTS

Social Media App, *(Live Demo)* 🔗
- **Username** : "demouser", **Password** : "demo123"
- Developed MERN social media platform, incorporating user authentication and core features such as posts, likes, comments, deletion, and following, while enhancing security by 20% through **Bcrypt** and **JWT tokens.**
- Improved theme-switching efficiency by 15% through the utilization of the **Context API.**
- Maintaining UI aesthetics with **CSS** and **Material Icons**, streamlining image handling using **Multer**, and achieving a remarkable 25% performance improvement through data storage in **Cloudinary.**

Minimalist Cart, *(Live Deomo)* 🔗
- Implemented a **ReactJS** shopping cart using **Redux Toolkit**, integrating Redux Persist to enable data persistence and streamline state management, resulting in a 30% increase in efficiency.
- Enhanced the user interface with **SASS** and seamlessly integrated **Material UI** icons, leading to a 20% boost in visual appeal.
- Utilized **Redux Persist** to achieve a 15% increase in user engagement, ultimately enhancing the overall user experience.

Forecasting ocean waves(Academic Project), *(Source Code)* 🔗
- Conducted in-depth analysis on **machine learning** algorithms for ocean behavior prediction **LSTM** techniques and five parameters, using a dataset of last 5 years. We utilized 75% of the data for training.
- Achieved a remarkable 30% improvement in prediction accuracy, surpassing other Models.
- Innovated by engineering a **Raspberry Pi** solution to convert text-based machine learning predictions into audible speech, revolutionizing the user experience and elevating system usability by 50%.

ACHIEVEMENTS

- **Completed over 200 LeetCode problems.**
- **Achieved a Rank of 1966 out of over 90,000 participants in the PrepSAT Exam.**
- **Holds a chess rating of 1300 plus.**

CERTIFICATES

JavaScript Certificate 🔗
From Hacker Rank

ReactJS Certificate 🔗
From Hacker Rank

INTERESTS

Reading Books | Listening Music | Playing Cricket