

# KATANGURI SAI HARSHITH REDDY

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## OBJECTIVE

Results-oriented **Full Stack Developer** with strong proficiency in **React, Node.js, and Java**. Proven ability to architect scalable web applications, design robust **RESTful APIs**, and engineer real-time systems using **Socket.io**. Seeking to leverage full-cycle development skills to build responsive, high-performance web solutions.

## EDUCATION

### KITS WARANGAL

*Bachelor of Technology in Computer Science*

2021 – 2025

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), Java, Python, SQL, HTML5, CSS3

**Frontend:** React.js, Redux, Tailwind CSS, Responsive Design

**Backend:** Node.js, Express.js, Socket.io, RESTful APIs, JWT, Asyncio

**Tools & Platforms:** Git/GitHub, MongoDB, Postman, AWS, VS Code

## PROJECTS

### The Full Stack Powerhouse | *React, Node.js, Express, Socket.io, Nodemailer*

- Architected a scalable full-stack web ecosystem designed to showcase technical capabilities and handle dynamic user data.
- Implemented **Socket.io** to enable bidirectional, real-time communication between the client and server, reducing data fetch latency.
- Integrated **Nodemailer** to handle automated transaction messaging and user notifications, ensuring reliable delivery.

### Don't Be The Last | *JavaScript, Python, WebSockets, Real-Time Logic*

- Engineered a low-latency, multiplayer web game focused on concurrency and state synchronization.
- Utilized **event-driven architecture** to manage simultaneous user sessions, ensuring seamless gameplay without race conditions.
- Optimized backend logic to handle high-frequency updates, delivering a smooth user experience across different devices.

### Thoughts-app | *MERN Stack (MongoDB, Express, React, Node), Redux, JWT*

- Developed a full-stack social media application allowing users to publish, edit, and delete dynamic posts in real-time.
- Implemented secure user authentication and authorization utilizing **JSON Web Tokens (JWT)** and **Bcrypt** for password encryption.
- Integrated **Redux** for efficient global state management, minimizing prop-drilling and improving application performance across complex UI components.

## LEADERSHIP & ACTIVITIES

**Community Leadership:** Organized and coordinated blood donation camps, effectively managing logistics, volunteer teams, and donor outreach.

**Open Source Contributor:** Actively exploring and contributing to Python and JavaScript repositories on GitHub.

**Tech Community:** Engaged in continuous learning regarding System Design and Web Architecture trends.