

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

2021 – 2025

Bachelor of Technology in Computer Science

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.