

# Sravan Kumar N C

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## Skills

**Languages:** JavaScript, TypeScript, Java, SQL, HTML, CSS.

**Technologies & Tools:** ReactJS, NodeJS, ExpressJS, Spring Boot, Redux, Tailwind CSS, ChartJs, Google Charts, MySQL, MongoDB, Docker, AWS (EC2), MongoDB Compass, Kafka.

## Work Experience

**Controlone AI, Bangalore**

Jan 2024 - Mar 2025

**Software Engineer FullStack**

- Built a full-stack web application using React.js, Node.js, Express.js, and MongoDB to manage communication and control across multiple autonomous robots.
- Developed secure RESTful APIs with JWT authentication and WebSocket-based real-time communication, improving response latency by 30% and enabling safer, faster decision-making.
- Designed a responsive UI with Tailwind CSS, implemented global state management using Redux, and integrated live robot metrics visualization with React Charts and Google Charts.

**Controlone AI, Bangalore**

Oct 2023 - Jan 2024

**Software Engineer FullStack intern**

- Developed an internal monitoring tool that improved robot accuracy diagnostics and performance analysis, reducing diagnostic time by 90%.
- Built a prototype robot command station using the MERN stack with real-time data visualization and debugging through live chart components.
- Leveraged technologies including Java, JavaScript, ReactJS, NodeJS, ExpressJS, MongoDB, TailwindCSS, Redux, ChartJS, Google Charts, Spring Boot, Docker, and AWS (EC2).

## Project Work

**AI-Powered Email Assistant | Code**

- Built an AI-powered email assistant using Spring Boot, Java Reactive and Google Gemini API, reducing manual drafting effort by 60% through smart replies and automated summaries.
- Developed a Chrome extension with React, JavaScript, HTML, and CSS for seamless Gmail integration, boosting productivity and streamlining email workflows.
- Automated repetitive email tasks to improve response accuracy and cut average email turnaround time, enhancing overall business productivity.

**Let's chat | Live**

- Built a full-stack real-time chat application using the MERN stack and Socket.IO, supporting one-to-one and group messaging with typing indicators and instant delivery updates.
- Designed and implemented secure REST APIs for authentication, user management, messaging, and chat rooms, ensuring scalability, security, and data integrity.
- Optimized real-time communication by efficiently managing socket connections and global chat state with Redux, and delivered a responsive UI using Tailwind CSS for seamless user experience.

**TeamColab – Whiteboard App | Live**

- Developed a collaborative whiteboard with drawing tools, shapes, layers, styles, and undo/redo features.
- Built a WebSocket backend enabling real-time multi-user collaboration with integrated chat functionality.
- Designed scalable Redux state slices for canvas, styles, and history while ensuring fully serializable updates.

## Achievements and Certificates

- Solved 700+ DSA problems across LeetCode, GFG, and HackerRank
- Certified in Modern JavaScript (Udemy: Certificate)
- Profiles: Leetcode | GFG | HackerRank

## Education

**JNTUA College Of Engineering, Kalikiri**

Aug 2018 - Jun 2022

Bachelor of Technology (B Tech)

Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms