

# TAMILARASAN C

Full Stack Developer | Node.js | React.js | MongoDB | MySQL

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 Guindy, Chennai

## PROFILE SUMMARY

Results-driven Full Stack Developer with 2.6 years of experience designing and developing scalable web applications using React.js, Node.js, Express.js, MongoDB, and MySQL. Strong background in both front-end and back-end development, real-time data integration with PLC systems, and cloud-based API architecture. Proven track record of delivering high-quality solutions, optimizing performance, and improving system efficiency.

## PROFESSIONAL EXPERIENCE

INTECH SYSTEMS CHENNAI PVT LTD – Full Stack Developer

### Apr 2023 – Present | Chennai

Delivered end-to-end web applications using React.js, Node.js, and MySQL, boosting development efficiency and accelerating feature deployment.  
Built RESTful APIs and real-time dashboards for industrial machine monitoring.  
Collaborated with cross-functional teams to maintain system reliability and optimize performance.  
Designed internal tools such as ERP system, Timing Sheet Tracker, and FEDRS platform for engineer tracking.

## PROJECT HIGHLIGHTS

Smart Lift Monitoring System – HL Mando Anand India Pvt Ltd

Built Node.js server integrating Mitsubishi FX5U PLC and vision cameras via Modbus TCP.

Designed React.js dashboard for real-time inspection analytics and WebSocket-based updates.

CMI Machines Monitoring

Integrated FINS protocol with Node.js for Omron PLC communication.

Developed responsive React.js interface for real-time data visualization.

## TECHNICAL SKILLS

- Frontend React.js, HTML5, CSS3, JavaScript (ES6+), Bootstrap
- Backend Node.js, Express.js, PHP Frameworks, REST API, WebSocket, Modbus TCP
- Database MongoDB, MySQL, PostgreSQL
- Tools Git, Postman, VS Code, npm, Neon DB, Clerk, Agile, Jira
- Others PLC (Mitsubishi FX5U), Vision System Integration, Socket Programming

## EDUCATION

Bachelor of Computer Applications (BCA) – St Peter's University, Chennai | 2019 – 2022

Higher Secondary – St Joseph Matric H.S. | 2019

SSLC – AKT Academy Matric H.S. | 2017

## CAREER GOAL

To secure a challenging **Full Stack / MERN Stack Developer** position in a growth-driven company where I can contribute to impactful product development, build scalable applications, and grow into a **Lead Developer** role.