

# Sathish R

## MERN Stack Developer

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## Objective

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Passionate **MERN Stack Developer** with hands-on experience in **full-stack web development**. Skilled in building responsive, real-time applications using **modern web technologies**. Dedicated to creating **user-friendly** and **scalable** digital solutions with an emphasis on performance and security.

## Technical Skills

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- **Programming Languages:** JavaScript
- **Frontend:** React.js, Tailwind CSS, Redux, HTML, CSS
- **Backend:** Node.js, Express.js
- **Database:** MongoDB, SQL
- **Tools:** VS Code, Postman, Git, GitHub, AI Tools

## Certification

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Full Stack Development with AI Tools – **GUVI**  
( Oct 2024 - Jan 2025)

## Experience

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**Technical Engineer (Full Time)**, Insta3d Technologies LLP-Coimbatore (Jan 2023 - Oct 2023).

## Education

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BE - Electronics & Communication Engineering (2015-2019),  
A.R.J College of Engineering & Technology , Mannargudi  
CGPA : 7.1

## Main Project

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**Chat Application** (Live Demo: [Bubble Chat](#))

### Summary:

"MERN Stack Developer with hands-on experience in building real-time applications using Socket.io, MongoDB, and WebSockets. Developed a full-fledged chat application with instant messaging, file sharing, and admin features."

**Tech Stack:** MongoDB, Express.js, React.js, Node.js, Socket.io, TailwindCSS

- Developed a full-stack real-time chat application with **individual & group chats**.

- Integrated **Socket.io** for instant message delivery and real-time updates.
- Implemented **file sharing, notifications, and message search** functionality.
- Designed **responsive UI** with TailwindCSS for a seamless user experience.
- Managed user authentication & authorization with **JWT** and **bcrypt**.
- Enabled **chat history storage** with MongoDB for persistent conversations.
- Built **user profiles, status updates, and admin functionalities** for better management.

#### Outcome:

- Learned **real-time communication** using **Socket.io & WebSockets**.
- Understood **MongoDB schema design** for storing chat messages.
- Gained experience in **user authentication & security best practices**.

## Mini Projects

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### 1. E-commerce Website (Frontend - React.js)

Live Demo : [Click Here](#)

**Tech Stack:** React.js, TailwindCSS

- Designed and developed an **e-commerce website UI** using **React.js**.
- Implemented **product listing, cart management, and responsive design**.
- Used **React Hooks & state management** for dynamic UI interactions.
- Ensured a **user-friendly experience** with a clean and modern layout.

### 2. Expense Tracker (HTML, CSS, JavaScript)

Live Demo : [Click Here](#)

**Tech Stack:** JavaScript, LocalStorage, HTML, CSS

- Built an **expense tracking application** to manage daily expenses.
- Used **JavaScript & LocalStorage** for **data persistence**.
- Implemented **real-time expense calculation and UI updates**.

### 3. Memory Game (HTML, CSS, JavaScript)

Live Demo : [Click Here](#)

**Tech Stack:** JavaScript, HTML, CSS

- Developed a **memory card game** with **interactive animations**.
- Used **JavaScript logic** to track **matches and player progress**.
- Enhanced UX with **CSS transitions & event handling**.

### 4. Email Token-Based User Authentication (React.js, Backend API)

Live Demo : [Click Here](#)

**Tech Stack:** React.js, Node.js, JWT

- Implemented **email verification & authentication** using **JWT tokens**.
- Integrated **secure login, signup, and password reset flows**.
- Used **React.js** for the frontend with proper form validation.

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Proactive **MERN Stack Developer** with real-world experience in building scalable, real-time web applications. Eager to contribute to innovative teams and deliver impactful digital solutions with clean, efficient code.