

# Mathiyarasan P

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Portfolio: <https://portfolio-web-site-seven-alpha.vercel.app>

## Professional Summary

- Recent graduate specializing in MERN Stack development skilled in building and deploying responsive full-stack web applications using **MongoDB, Express.js, React.js, Node.js, Redux, and Tailwind CSS**.
- Experienced in **real-time communication, RESTful APIs, authentication, and cloud deployment**.
- Proficient in **JavaScript (ES6+), HTML5, CSS3, React Hooks, Socket.IO, JWT, and Git/GitHub workflows**, with hands-on experience in **component-based architecture and scalable application design**.
- Leveraged AI-assisted tools such as ChatGPT, Gemini, and GitHub Copilot to enhance development efficiency and improve code quality.

## Projects

### Quick Chat App

GitHub — Live Demo

Technologies: React.js, Node.js, Express.js, MongoDB, Socket.IO, Tailwind CSS, JWT, bcrypt, Vercel

- Built a full-stack real-time chat application with WebSocket-based communication, enabling one-to-one messaging.
- Implemented secure authentication using **bcrypt** and **JWT** with protected backend routes.
- Designed a responsive interface using React Hooks and Tailwind CSS for seamless performance across devices.

### Weather Forecasting App

GitHub — Live Demo

Technologies: React.js, Tailwind CSS, Axios, OpenWeatherMap API, Vercel

- Developed a weather app displaying real-time temperature and conditions using OpenWeatherMap API.
- Integrated responsive design and efficient state management using React Hooks.

## Technical Skills

- **Languages:** JavaScript (ES6+), HTML5, CSS3
- **Frontend:** React.js, Redux, React Hooks, Tailwind CSS, Axios
- **Backend:** Node.js, Express.js, REST API, Socket.IO
- **Database:** MongoDB
- **Tools & Platforms:** Git, GitHub, ChatGPT, Gemini, GitHub Copilot

## Education

**B.E. in Computer Science Engineering**, Mother Terasa College of Engineering and Technology 2022 – 2025  
CGPA: 7.5 / 10

**Diploma in Computer Science Engineering**, Mother Terasa Polytechnic College 2018 – 2021  
Percentage: 86%

## Certifications

- Full-Stack Web Development with the MERN Stack – Error Makes Clever (May 2025 – Aug 2025)
- Prompt Engineering Certification – Error Makes Clever Academy (Apr 2025 – May 2025)