

Madhumathi

MERN Stack Developer

+91 6361148512 | madhumathi1310@gmail.com | [LinkedIn](#) | [GitHub](#) | Bengaluru, India

Professional Summary

Motivated MERN Stack Developer with expertise in building responsive and user-focused web applications. Proficient in modern development frameworks and tools, with a passion for delivering innovative solutions. Experienced in agile workflows and cross-functional team collaboration.

Technical Skills

- **Frontend:** HTML, CSS, JavaScript, React, Bootstrap, Redux
 - **Backend:** Node.js, Express.js, REST APIs
 - **Databases:** MongoDB
 - **Programming:** JavaScript
 - **Tools:** Git, GitHub, VS Code, Figma, Canva
 - **Familiar With:** Agile, SDLC
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Professional Experience

Associate Software Engineer Trainee

Baryons Software Solutions | Bengaluru, India

September 2022 – January 2023

- Designed and implemented dynamic user interfaces using React.
 - Created reusable components to streamline development.
 - Actively participated in sprint planning, design meetings, and code reviews.
 - Presented project demos to stakeholders and implemented feedback-driven changes.
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Projects

Portfolio Website (*Ongoing*)

Technologies: **React, Vite, Bootstrap**

- Developing a responsive portfolio website to showcase projects and skills.
- Utilized React for dynamic components and Vite for efficient development.

Identifying Food Freshness (*IoT Project*)

Technologies: Arduino, MQ4 Gas Sensor, C Programming

- Engineered a real-time monitoring system to detect food spoilage.
- Integrated Arduino with gas sensors and designed energy-efficient alert mechanisms.

To-Do List Application

Technologies: **HTML, CSS, JavaScript, Bootstrap**

- Built a responsive app with CRUD functionality and local storage support.
 - Ensured cross-device compatibility and user-friendly design.
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Education

Bachelor of Engineering (B.E.) in Computer Science and Engineering

K S School of Engineering and Management | Bengaluru, India

June 2018 – May 2022

- Key Courses: Software Engineering, DBMS, Object-Oriented Programming
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Certifications

- Full Stack Web Development using MERN Technology – Entri Elevate (April 2024 – Present)
- Certification in Generative AI – GUVI, AICTE (September 2024)