

Kavitha U

Tirupur, Tamilnadu | kavitha.kudhayakumar@gmail.com | +91 9360091593

linkedin.com/in/kavitha08 | https://github.com/kavitha0802

Profile Summary

MERN Stack Developer | Fresher with hands-on experience in MongoDB, Express.js, React.js, and Node.js, eager to develop scalable web applications and contribute to impactful projects. Skilled in problem-solving, front-end optimization, and state management, with a strong desire to learn and grow in a fast-paced tech environment.

Education

B.E. Electrical and Electronics Engineering Sree Sakthi Engineering College, Coimbatore CGPA: 7.5	2022–2026
Higher Secondary Certificate (HSC) Government Girls Higher Secondary School, Tirupur Percentage: 75%	2022
Secondary School Leaving Certificate (SSLC) Government High School, Tirupur Percentage: 82%	2020

Technical Skills

Frontend: HTML5, CSS3, JavaScript, React.js, Tailwind CSS
Backend: Node.js, Express.js, REST APIs
Database: MongoDB
Version Control: Git, GitHub
Tools & Others: VS Code, Postman, Firebase, Render

Projects

Nostra – E-Commerce Website <ul style="list-style-type: none">Developed a fully responsive e-commerce web platform using HTML, Tailwind CSS, and JavaScript, ensuring seamless functionality across all devices.Implemented dynamic product search, category-based filtering, and sidebar navigation to enhance user interaction and accessibility.Optimized front-end performance through code refactoring and asynchronous rendering, achieving a 35% improvement in page responsiveness.	03/2025
Portfolio Website <ul style="list-style-type: none">Developed a personal portfolio application using React.js and Tailwind CSS to effectively showcase technical skills and project achievements.Built modular and reusable React components with smooth single-page navigation for an enhanced browsing experience.Deployed on Vercel, attaining a 98% Lighthouse performance score and a 25% reduction in page load time through build optimization.	05/2025
BookBazar – Full Stack Bookstore Application <ul style="list-style-type: none">Designed and deployed a MERN stack web application for managing an online bookstore with JWT-based authentication and interactive cart management.Built and integrated RESTful APIs using Express.js and Node.js for efficient and secure client–server communication.Optimized backend logic and database queries, reducing API latency by 28% and enhancing multi-user scalability.	07/2025

Expense Tracker – Personal Finance Management App

10/2025

- Created a **full-stack MERN application** enabling users to manage daily expenses, categorize budgets, and visualize financial insights in real-time.
- Integrated **Chart.js** for live graphical reports of income and expenditure, improving user financial awareness and tracking efficiency.
- Implemented **data validation and CRUD optimization**, improving record accuracy by **95%** and minimizing redundant entries.

Extra-Curricular Activities

- **Event Volunteer – Technical Symposium:** Coordinated logistics, participant registration, and stage operations during a national-level symposium, enhancing teamwork, communication, and leadership skills.
- **Team Lead – College Project Expo:** Led a team in designing and presenting a technical project, overseeing development, collaboration, and professional presentation delivery.

Certificates

- **Full Stack MERN Development Bootcamp** – Completed a 3-month intensive training program in full-stack web development through *Error Makes Clever*. **Issued: 09/2025**
- **Generative AI** – Completed an online certification course by *GUVI*. **Issued: 09/2024**