

# Kavitha U

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## Profile Summary

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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

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

## Technical Skills

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**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

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

## 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

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- **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

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- **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**