

Karthikha Shree S M

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Motivated MERN stack developer with hands-on experience in building full-stack applications. Passionate about developing real-world solutions and continuously improving through DSA and development projects.

Education

B.E. Computer Science and Engineering , Sri Shakthi Institute of Engineering and Technology	2023–2027
CGPA: 8.25 (till 3rd semester)	
HSC (State Board) — 86%	2022–2023

Internship

MERN Stack Intern — App Innovation Technologies Pvt Ltd	Nov 2024
• Developed scalable catalog and cart modules using React, Redux Toolkit, and REST APIs.	
• Optimized Express.js backend with cleaner routing and reusable middleware.	
• Improved page load performance by 28% through component-level optimizations.	

Projects

College Question Bank System — MERN, Cloudinary, JWT
• Cloud-based platform for uploading and accessing department-wise question papers with role-based access.
• Integrated secure admin login with JWT + bcrypt and optimized file storage with Cloudinary APIs.
CS Course Reference Center — MERN
• Built a course material repository with a responsive React + Tailwind interface.
• Implemented subject filters, PDF rendering, and search-based navigation.
E-Commerce Gadget Store — React, Redux, Node.js
• Designed product listing, filtering, wishlist, and cart system with Redux Toolkit.
• Built backend APIs for product management and authentication using JWT.

Technical Skills

Languages: JavaScript, Python, C, Java
Frontend: React.js, Redux Toolkit, Tailwind CSS, Bootstrap, HTML5, CSS3
Backend: Node.js, Express.js, REST APIs, JWT Authentication
Database: MongoDB, Mongoose
Tools: Git, GitHub, Postman, VS Code, Cloudinary

Achievements

- Top 25 Finalist — TruthTell Hackathon 2024.

Additional Information

Area of Interest: Web Development, Machine Learning , Problem solving
Languages: Kannadam Tamil English