

# Karthikha Shree S M

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🐙 GitHub • 🔗 LinkedIn • 🌐 Portfolio • 📄 LeetCode • 🏆 HackerRank

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.

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## 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

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## 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.

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## 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.

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## 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

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## Achievements

- Top 25 Finalist — TruthTell Hackathon 2024.
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## Additional Information

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