

Karthikha Shree S M

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ABOUT ME

- CSE student passionate about web development & AI. Experienced in MERN stack, Python, and building real-world applications. Always exploring innovative solutions and continuous learning.

EDUCATION

B.E. Computer Science and Engineering <i>Sri Shakthi Institute of Engineering and Technology, Coimbatore</i> <i>CGPA: 8.15</i>	2023 – 2027
HSC (State Board) <i>Vijayalakshmi Matric Higher Secondary School</i> <i>Percentage: 86%</i>	2022 – 2023

TECHNICAL SKILLS

- **Languages:** Python, C, JavaScript, Java
- **Frontend:** HTML, CSS, Bootstrap, Tailwind, React.js
- **Backend:** Node.js, Express.js, JWT, CORS
- **Database:** MongoDB
- **Tools:** Git, GitHub, Postman, VS Code
- **Concepts:** OOP, Clean Coding

PROJECTS

Text-Based Adventure Game | Python

- Designed and implemented an interactive text-based adventure game using Python, focusing on branching storylines and logical gameplay flow.
- Applied object-oriented programming concepts for modular design and easy scalability.

Falo AI | Flutter, Python FastAPI, MongoDB, LangChain, Groq, HuggingFace

Apr 2025

- Developed FALO AI, a real-time AI system for verifying online misinformation across multiple content sources.
- Built a Flutter mobile app with voice input, theme support, and chat history for seamless user experience.
- Integrated HuggingFace, LLaMA3-70B, FAISS, and VirusTotal APIs via FastAPI for accurate and reliable result generation.

Question Bank of College | MERN Stack

- Developed a web platform for centralizing and managing semester question papers using MongoDB, Express.js, React.js, and Node.js.
- Created secure authentication and role-based access for students and admin.
- Integrated CRUD functionality to upload, organize academic resources.
- Enabled efficient search and filtering of past papers to improve exam preparation.
- Streamlined the storage process with a well-structured MongoDB schema for scalability.

CsCourseNest | MERN Stack

- Built a full-stack project to manage notes and department-wise study materials for engineering students.
- Integrated CRUD functionality to upload, organize, and download academic resources.
- Enhanced accessibility by designing a clean React.js frontend with Tailwind CSS.
- Deployed the application on cloud platforms, ensuring easy access and availability during semester exams.
- Focused on usability by creating role-specific dashboards for admins and students.

INTERNSHIP

MERN Stack Intern

Nov 2024

App Innovation Technologies Pvt Ltd

- Contributed to full-stack features and project development using MongoDB, Express, React, Node.

ACHIEVEMENTS

- Shortlisted as Top 25 Finalist in **Truth Tell Hackathon** (Nov 2024).