

Mohammed Hassan

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Education

CMR Institute of Technology

Bengaluru, IN

- Bachelor of Engineering in Computer Science and Data Science Sept 2023 – Expected Dec 2027
GPA: 8.6

Projects

- Patient Portal August 2024

- Built a full-stack web portal for patient registration, appointment scheduling, and doctor management with secure authentication
 - Developed CRUD functionality and an admin dashboard to manage patients, doctors, and appointments
 - Implemented persistent chat history for contextual continuity
 - Tech stack: HTML, CSS, JavaScript, Node.js, MySQL, Bootstrap

- Pet Adoption Platform April 2025

- Designing a platform to connect adoption centers with prospective pet adopters
 - Features include availability checks, breed details, and Q&A with adoption centers
 - Planned stack: React, Node.js, MySQL

- SHAKTIAI – Women Safety & Empowerment Assistant November 2025

- Developed a multilingual AI assistant providing SOS alerts, health guidance, and financial awareness
 - Integrated WhatsApp and SMS automation using Twilio for emergency communication
 - Designed scalable architecture including IVR, offline support, and privacy safeguards

Technical Skills

Programming Languages: C, Java, JavaScript, Python

Web Technologies: HTML, CSS, React.js, Bootstrap, Next.js, Tailwind CSS

Databases: MySQL, Supabase, MongoDB Atlas

Core Concepts: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems

Operating Systems: Windows, Linux (Arch), macOS

Tools & Platforms: Git, VS Code, Node.js, GitHub, Express.js, Firebase, Insomnia

MS Office: MS Word, MS PowerPoint, MS Excel

Others: Video Editing (Basic), Problem Solving