

# Mohammed Hassan

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## Education

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- **CMR Institute of Technology** Bengaluru, IN  
*Bachelor of Engineering in Computer Science and Data Science* Sept 2023 – Expected Dec 2027  
GPA: 8.6

## Projects

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- **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

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**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