




ASHWITHA C

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EDUCATION

M.sc, Decision and Computing Sciences

Coimbatore Institute of Technology

CGPA : 8.9775

2023 - 2028

Coimbatore, India

SKILLS

HARDSKILLS

- Frontend: HTML, CSS, JavaScript, React, Angular
- Backend: Node.js, Express, Java
- Database: MongoDB, MySQL
- Tools and Deployment: Git, GitHub, Postman
- Concepts: REST APIs, CRUD Operations, Responsive UI

SOFT SKILLS

- Analytical Thinking, Problem Solving, Adaptability, Communication, Teamwork

PROJECTS

Blood Bank Management System - A MERN Stack Web App

Tools Used: React.js, Node.js, Express.js, MongoDB, JWT, Nodemailer, Vercel, Render

- Developed a full-stack application connecting donors, hospitals, and admins for blood donation management.
- Created role-based dashboards with secure login, donation tracking, and request approval workflows.
- Deployed using Vercel/Render and integrated MongoDB Atlas for real-time database management.

Code Buddy – AI Powered Coding Platform - A MEAN Stack Web App

Tools Used: Angular, TypeScript, Node.js, Express.js, MongoDB Atlas, JWT, Render, Gemini API

- Created a platform enabling developers to practice coding interviews and improve problem-solving skills.
- Added flashcards, whiteboard challenges, and AI-assisted voice interviews for hands-on practice.
- Integrated backend APIs with Node.js and MongoDB for managing interviews, flashcards, and user data.

Customer Relationship Management System

Tools Used: React.js, Node.js, Express.js, MongoDB, JWT, Nodemailer, Vercel, Render

- Developed a CRM desktop application for managing customers, sales orders, and transactions efficiently.
- Implemented secure login system, data management, and activity logs for administrators and sales staff.
- Integrated MySQL database with JDBC for storage and real-time data handling.

CERTIFICATIONS

- Introduction to MERN Stack – Simplilearn, 2025
- Introduction to MEAN Stack – Simplilearn, 2025

ACHIEVEMENTS

- **LeetCode 50-Days Badge** – Solved SQL and algorithms problems consistently for 50+ days, strengthening coding and problem solving skills.
- **Research Publications:**
 - “Smart Civic Complaint Analyzer Using Natural Language Processing” – IJRTI, 2025
 - “Phishing URL Detection Using Machine Learning” – IJIRT, 2025