

V MITHUN MALLYA

+91 7624927870 · mithunmallya095@gmail.com · Karnataka, India
[linkedin.com/in/mithun-mallya](https://www.linkedin.com/in/mithun-mallya) · github.com/Mithun095

CAREER OBJECTIVE

Software Engineering student with strong foundations in Web Development, Databases, and AI/LLM systems. Experienced in building scalable applications, REST APIs, and RAG-based solutions. Seeking opportunities to contribute to enterprise-scale, cloud-driven, and data-intensive software systems.

EDUCATION

N.M.A.M Institute Of Technology B-Tech in Information Science & Engineering	2023-2027 CGPA: 9.33 (Upto 4 th sem)
Amratha Bharathi PU College PCMCs— Karnataka State Board	2021-2023 Aggregate: 89.00
Amratha Bharathi vidya kendra CBSE	2021 Aggregate: 82.00

INTERNSHIP EXPERIENCE

Equidor Medtech Intern	June 2025 - Present
<ul style="list-style-type: none">Worked on voice detection and signal interpretation models for real-world MedTech products.Enhanced understanding of integrating AI models with device-level systems for intelligent automation.Collaborated in a fast-paced environment focused on delivering production-ready AI solutions.	

PROJECTS

SAMVAADA – Social Media Club Platform (live link)	Aug 2025
A web application for managing and showcasing college events, built for NMAMIT's official Social Media Club.	
<ul style="list-style-type: none">Built a full-stack platform with a responsive UI using React, Tailwind CSS, and shadcn/ui.Implemented Firebase Authentication and real-time updates using Firestore.Deployed the application on Firebase Hosting.	
Technologies: React, Tailwind CSS, shadcn/ui, Firebase (Auth, Firestore)	

HEALTH AI CHATBOT – RAG-BASED LLM APPLICATION	Dec 2025
An AI-powered healthcare assistant that provides responses based on trusted reference data using RAG.	
<ul style="list-style-type: none">Built a healthcare assistant using Retrieval-Augmented Generation (RAG).Used Pinecone for vector-based semantic search and Groq API for LLM inference.Processed and indexed data from a standard healthcare reference source.Generated context-aware responses through optimized prompt design.	
Technologies: Python, LLMs, RAG, Pinecone, Groq API	

TECHNICAL SKILL

Programming Languages: C, Python, JavaScript, SQL (MySQL)
Web Technologies: HTML5, CSS3, React, Node.js, REST APIs, Tailwind CSS
Databases: MySQL, Firebase Firestore, Pinecone (Vector Database)
AIML: Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), LangChain (basic)
DevOps & Tools: Git, Docker (fundamentals), VS Code, Vercel, Firebase Hosting
Design Tools: Figma, Canva, Photoshop

LEADERSHIP & EXTRA-CURRICULAR ACTIVITIES

- Technical & Content Head, Samvaada:** Currently Leading technical and content initiatives for NMAMIT's official social media.
- Media Head, FinteLoop Club:** Currently Managing media operations and technical growth.
- Core Member, Incridea'25 Team:** Supported content strategy and online engagement.
- Content Lead, Sthani Club – Revels'25:** Created digital content to enhance brand presence.