

GANAVI D GOWDA

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Education

Malnad College of Engineering, Hassan
B.E. in Computer Science & Engineering (7th Semester) – CGPA: 9.15
Masters PU College — 12th Grade (PUC): 96%
CKS English School — 10th Grade (CBSE): 89.2%

Experience

Organized a National Level Ideathon | 2024–25
Led planning, execution, and management of a large-scale idea pitching competition.
Mentor — Web Development Workshop | 2023–24
Guided students on frontend development, best practices, and project building.

Projects

Planet Exploration UI/UX Design
Created a dynamic UI/UX prototype in Figma with animations and interactive elements.
MCE Clashpoint - Event Management System - Full-Stack Web Application | MERN
Developed a full-stack event management platform with role-based dashboards, QR-based attendance, and secure registration. Hosts manage events and analytics; students register, scan QR codes for attendance, and submit reviews. Integrated JWT authentication and Cloudinary for media upload support.
SiloDispatch - Intelligent Delivery Management System- Full-Stack Web Application | MERN
Built a comprehensive logistics platform using Node.js/Express, MongoDB, and React.js. Implemented K-Means clustering for route optimization and real-time driver tracking using OTP verification, UpiCash collection, and delivery confirmation. Developed RESTful APIs with JWT authentication and integrated OpenCage Geocoding, Razorpay, and Twilio. Created role-specific dashboards for drivers and supervisors. Achieved a 40–60% reduction in delivery time through algorithmic optimization and automated financial tracking.
IRIS-Bot – Research Paper Management & Classification System - NLP + PostgreSQL | Python
Developed a smart research-paper management tool that extracts metadata from PDFs, validates DOIs/ISSNs via external APIs, detects duplicates, assigns research domains, and performs semantic search using Sentence-Transformer embeddings. Implemented a unified PostgreSQL database with pgvector support, PySide6 desktop UI, and automated citation/indexing verification.

Personal Achievements

- NPTEL Certification in Soft Skill Development
- NPTEL Certification in Software Testing
- Runner-up, HITAM National Level Hackathon
- 2nd Prize, IASF Annual Student Forum 2024 (Project on Sustainable Development Goals)
- 1st Prize, Silofortune Hackathon Track 2 – SiloDispatch (Backend)

Skillset

- Programming Languages:** Java, Python
- Web Development:** HTML, CSS, JavaScript, MERN Stack
- Databases:** SQL, MongoDB (NoSQL)
- UI/UX Design:** Figma
- Soft Skills:** Teamwork, Communication, Leadership

Hobbies

Reading Comics , Photography

About Me

I am a self-driven learner who values consistency and strong fundamentals. I enjoy solving problems, building web applications, and exploring new technologies to expand my skill set. I'm passionate about creating impactful solutions and contributing to collaborative, challenging projects.