

MADHUSUDHAN GOWDA H G

Address: #232 2nd Cross Kundalahalli Colony Bangalore-560037

Email ID: mahg22cs@cmrit.ac.in | madhusudhanhg31@gmail.com

Mobile No: 9972107772

LinkedIn: <https://www.linkedin.com/in/madhusudhan-gowda-hg-0932a1354>

GitHub: <https://github.com/madhusudhan-31>

LeetCode: <https://leetcode.com/u/Madhusudhangowdahg>



CAREER OBJECTIVE

To secure a challenging position in a reputable organization where I can apply my technical skills, problem solving ability, and passion for learning in the field of computer science and contribute to the company's success while continuously enhancing my knowledge.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Computer Science and Engineering**
CMR Institute of Technology, AECS Layout, Bangalore
CGPA – 7.54, 2026 (pursuing)
- **12th Grade – Science**
Presidency, PU College, Sira
94%, 2022
- **10th Grade**
Shree Spatikapuri Academy Eng MEd High School Sira
93.12%, 2020

TECHNICAL SKILLS

Languages: Javascript, Python

Software: Solid Edge, Visual Studio Code

Database: MySQL, DBMS

FrontendTools: HTML, CSS

Frameworks: Django (Intermediate)

PROJECTS

- **Title: Dormitory Management System**
Description: Developed a user-friendly desktop application to automate hostel operations with separate portals for admins and students. Key features include student registration, room allocation, rent calculation, payment tracking, and complaint management. Admins can monitor room availability, update records, and view real-time dashboards for rent and issue tracking. Students can log in to view room info, submit complaints, and check dues enhanced with a modern layout and background image. Ensured secure data handling with MySQL integration, input validation, and role-based access control.
Tech Stack: HTML, CSS, JavaScript, Django, MySQL
- **Title: Dairy Management System**
Description: Designed and developed a full-featured desktop application to manage daily dairy operations. The system handles member registration, milk collection entries, quantity and amount tracking, and daily reports. Admins can view and update records, send email notifications, and track member-wise milk data by date. Implemented a modern frameless GUI using CustomTkinter with a background image and custom title bar. Integrated MySQL for efficient data storage and secure CRUD operations, along with date-wise filtering, search, and real-time updates. Ensured smooth user experience with modular navigation and seamless window transitions.
Tech Stack: HTML, CSS, MYSQL, PYTHON
- **Title: E-Commerce website for Nandini Products**
Description: Created a dynamic and responsive e-commerce website for online dairy product sales, featuring a clean UI and smooth user experience. The site allows users to browse products by category, search items, add to

cart, and place orders. Implemented real-time cart updates, order confirmation messages, and basic user login/registration system for returning customers. JavaScript handling interactive features like cart management, form validation, and language switching (English/Kannada). Designed the UI with a focus on simplicity, responsiveness, and visual appeal for both mobile and desktop users

Tech Stack: HTML, CSS, JAVASCRIPT

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

Online Courses & Certifications: Completed the below courses from Udemy.

- Python Programming
- Completed a foundational course covering Python basics, data structures, and libraries such as Pandas and NumPy
- AWS – Udemy

Seminars:

- Participated in an expert talk on Video Analytics held at CMRIT.
- Attended a seminar on Cloud Computing at CMRIT

Non – Technical Club Activities:

- Samskruthika Kannada club.

Hackathon:

- Participated in IGNITEX 2025, a 24-hour National Level Hackathon organized by Adichunchanagiri University & BGS Institute of Technology (NAIN Centre).
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ACHIEVEMENTS

- Secured 2ND place in the KGF Kannada competition at Cultura 2024, demonstrating creativity and Linguistic Proficiency.
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PERSONAL DETAILS

Date of Birth	: 31st July, 2003
Gender	: Male
Nationality	: Indian
Permanent Address	: Hunasekatte(V), Sira(T), Tumkur, Karnataka - 572116
Linguistic Competency	: English, Kannada, Hindi (Limited working proficiency)
Hobbies	: Drawing, listening to soundtracks, Reading Books