

ISHIKA NAHAR

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CAREER OBJECTIVE

Dynamic and driven Bachelor of Engineering student at CMR Institute of Technology, specializing in Information Science and Engineering, seeking opportunities to apply and expand technical skills in a collaborative environment, contribute to real-world projects, and grow through continuous learning and innovation.

EDUCATION QUALIFICATION

- **Bachelors of Engineering – Information Science and Engineering**
CMR Institute of Technology, Bengaluru
8.96 CGPA, 2026 (Pursuing)
- **12th Grade – Science**
Sri Taralabalu Jagadguru PU College, Davangere, Karnataka
95.3%, 2022
- **10th Grade**
Delhi Public School, Pali, Rajasthan
86.8%, 2020

TECHNICAL SKILLS

Programming Languages: Python, Java, C

Data Analysis and Visualization: Tableau, Power BI, MS Excel, Jupyter Notebook

Libraries and Frameworks: Flask, scikit-learn, pandas, NumPy, Matplotlib, Seaborn

Web Development: HTML, CSS JavaScript

Databases: MySQL, PostgreSQL

Tools & IDEs: Eclipse, Visual Studio Code, PyCharm, Git

PROJECTS

- **Title:** IntelliResume – AI-Based Resume Skill Assessment System (Ongoing)
 - **Description:** Designed and built a web-based AI system that extracts skills from uploaded resumes and generates interactive quizzes to assess user proficiency. Completed Phase 1, which includes resume parsing, skill extraction, CSV-based data storage, dynamic quiz creation, and basic result evaluation. Developed a user-friendly interface for resume upload and quiz participation, increasing user engagement efficiency by **60%** during internal testing. Planned enhancements include learning path suggestions and job role matching based on quiz performance and skill gaps.
 - **Tools used:** Python, Mistral LLM Model, Flask, Pandas, Matplotlib, HTML, CSS, Bootstrap.
- **Title:** Real Estate Price Prediction Web Application
 - **Description:** Developed and deployed a machine learning model to accurately predict residential property prices based on features such as area, location, number of bedrooms, and bathrooms. Utilized Python, Pandas, and Scikit-learn for data cleaning, feature engineering, outlier removal, and model building (linear regression). Integrated the trained model into a web application using Flask, enabling real-time price predictions through a user-friendly interface. Applied advanced concepts such as grid search for hyperparameter tuning and cross-validation. Demonstrated end-to-end skills: data preprocessing, modeling, deployment, and UI development
 - **Tools used:** Python, Pandas, NumPy, Matplotlib, Scikit-learn, Jupyter Notebook, Flask.
- **Title:** QR Code-Based Menu System
 - **Description:** Designed and implemented a digital menu system for our college canteen using dynamic QR codes to replace traditional paper menus. Enabled real-time updates for item availability, pricing, and

order tracking, reducing human error in order processing by **40%** and improving customer satisfaction. Integrated a responsive web interface with secure Flask-based backend, allowing restaurant staff to instantly modify menu content. Improved overall menu accessibility and reduced physical printing needs by **100%**.

- **Tools Used:** HTML, CSS, JavaScript, Python (Flask), MySQL.
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CO-CURRICULAR ACTIVITIES & EXTRA CURRICULAR ACTIVITIES

Co-Curricular Activities

- **Online Courses:**
 - 100 days of code in Python from Udemy
 - Introduction to C Programming Fundamentals – Coursera
 - Web Development Bootcamp by Angela Yu - Udemy
- **Industrial Visits:** Visited ISRO in the year 2024
- **Hackathons:** Participated in following Hackathons
 - FinArwa National Level Hackathon in 2025

Extra – Curricular Activities:

Music: Participated in Solo Singing Competition in my college in the year 2023.

AWARDS & ACHIEVEMENTS

- Won 2nd place in School-level Solo Singing Competition (Class 10)
 - Project Migration of Web Application Using Docker selected for Cloud Computing exhibition (department-level)
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PERSONAL DETAILS

Date of Birth	: 15 th March, 2004
Gender	: Female
Nationality	: Indian
Permanent Address	: 552, Swagerepet Opp Bhagwati Fashion Galli, Davangere - 577001
Languages Known	: English, Hindi
Hobbies	: Playing Guitar and Keyboard, Singing, Badminton