

JAHNAVI KOVURU

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I am currently pursuing a Data Science degree at CMR Engineering College, Hyderabad. With strong problem-solving and coding skills, I am eager to learn and grow in the software field. I look forward to applying my knowledge and contributing to a dynamic team.

TECHNICAL SKILLS

- Programming Languages: C, C++, Java, Python (Project-Based Learning)
 - Web Technologies: HTML, CSS, SQL
 - Data Analysis & Operations: MS Excel (Pivot Tables, VLOOKUP, Conditional Formatting, Automation)
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PROJECTS

Smart Waste Management System

- Built a full-stack web application using Flask to promote recycling and donations.
- Features include item listings (donate/recycle), Google Maps integration, sustainability education, and a point-based rewards system.

Empowering Women's Safety: Advanced Analytics for Threat Detection and Prevention

- Analyzes real-time data for threat detection.
- Predicts risks using Random Forest algorithm and triggers alerts.

Automated Attendance & Salary Calculation System (MS Excel)

- Developed an Excel-based attendance tracking system for efficient employee management.
- Automated salary calculation based on working days using Excel formulas.
- Created a dashboard with Pivot Tables & Charts to analyze attendance trends.

Automated Fish Feeder using Arduino.

- Uses Arduino and a servo motor to automate fish feeding at intervals.
 - Ensures precision and consistency in feeding schedules.
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EDUCATION

Bachelor's in Technology

Expected Graduation: 2026

Data Science, CGPA - 9.17 (as of now)

CMR Engineering College, Hyderabad

Intermediate [2020-2022]

Siddhartha Junior College, Vikarabad, Telangana

Percentage - 93.5%

CERTIFICATIONS

- Cloud Foundations & Data Analytics – AWS Academy
- Field based Project completion certificate - Automated Fish Feeder
- Advanced C++ & Java Training – IIT Bombay (Spoken Tutorial)
- AICTE Virtual Internship

EXTRACURRICULAR ACTIVITIES

- **Cultural Captain, Bhashyam High School** – Led and managed school cultural events, organized competitions, and promoted teamwork.
- Won multiple prizes in dance competitions. [Inter-school competitions,etc]
- Awarded for excellence in Bhagavad Gita Chanting Mission.