Ankita Sarode

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Education

Matoshri College of Engineering And Research Center ,Nashik. *- Present*
B.Tech in Computer Engineering — CGPA: 8.95

Ramaraj Global Junior College *- Feb 2024*
HSC in PCMB — CGPA:

Madhyamik Vidyalay Untawadi,Nashik *- Mar 2022*
SSC in — CGPA:

Work Experience

Data Analytics - Present
Techredy IT Solutions,Nashik *Nashik,Maharashtra*

- Created charts, graphs, and KPI reports to communicate analytical findings effectively. Worked on real-world datasets and developed data-driven business insights. Documented data analysis procedures, findings, and recommendations. Collaborated with team members to understand business requirements and define analytical objectives. Presented analytical results and insights to mentors/team members using reports and visualizations.

Technical Skills

- Database Management: MySQL, MongoDB, Cloud Computing: AWS (Basic), Tools: VS Code, Git, GitHub,MySQL Command Client, Programming Languages: Python

Personal Projects

Agriculture Management System Feb 2026 -

- Designed a normalized relational database using MySQL. Implemented primary keys, foreign keys, indexes, views, and cursors. Generated farmer-wise and crop-wise production reports.
- **Technical Tools:** HTML, CSS JavaScript Tesseract.js (OCR) Text-to-Speech (TTS) Translation API VS Code

NETRA – Smart Voice-Guided Camera Dec 2025 -

- eveloping an accessibility-focused application for visually impaired users. Implementing OCR, text extraction, language translation, and Text-to-Speech. Improving image alignment and independent document capture.
- **Technical Tools:** HTML, CSS JavaScript Tesseract.js (OCR) Text-to-Speech (TTS) Translation API VS Code Agriculture Management System

Line Following Robot - May 2025

- Developed a sensor-based robot to follow a predefined path. Worked on sensor integration, testing, and basic control logic.
- **Technical Tools:** Sensors Microcontroller(Arduino), Embedded Systems Automation Concepts

Cabin Automation System - Dec 2024

- Collaborated with a team to develop a cabin automation project. Explored automated system operations and practical implementation.
- **Technical Tools:** IR Sensors, Microcontroller (Arduino,) , Embedded C/C++, Motor Driver DC Motors Basic Robotics

Achivements

- ACM-W Chairperson: Selected to lead and coordinate the ACM-W Student Chapter.
- ACM Summit – NMIMS Indore: Participated in technical discussions on computing and emerging technologies.
- Technical Event Core Team – D. Y. Patil College: Contributed to event coordination and execution.
- Organized and coordinated Smart India Hackathon activities.
- Organized a poster-making competition for students.