

# Idra Chaudhary

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## EDUCATION

### Vellore Institute of Technology

*Bachelor of Technology in Computer Science & Engineering — CGPA: 8.54/10.00*

Bhopal, India

2022–2026

### Delhi Public School, Mathura Road

*Senior Secondary Education (CBSE) — Percentage: 89.9%*

Delhi, India

2007–2021

## TECHNICAL SKILLS

**Programming Languages:** Python, C++, Java, SQL

**Data & Analytics:** Power BI, Tableau, SQL Server, Excel Advanced Analytics, Google Analytics

**Development:** React, HTML, CSS, JavaScript, Android Studio

## EXPERIENCE

### GangaRam Hospital (IT Intern)

November 2024

- Hospital Database Systems: Optimized Oracle database performance for daily users through query tuning.
- System Maintenance: Managed daily operations of healthcare software handling 1,200+ patient records

### Gudmed (Data Analyst Intern)

May 2025

- AI Recommendation Model: Developed Python-based treatment suggester with 87% accuracy
- Patient Analytics: Built interactive dashboards tracking treatment metrics for 300+ cases

### Sekyoor Solutions (FrontEnd Intern)

June 2025–Present

- Developed reusable UI elements

## PROJECTS

### [NurseChartX](#) | *Python, Flask, EasyOCR, Tesseract, OpenAI API*

- Developed dual-model OCR system combining EasyOCR (for printed text) and Tesseract (for handwriting) to digitize medical charts
- Implemented OpenAI API to structure extracted data into standardized medication and vital records formats
- Created Flask web interface for researchers to review and export processed chart data
- Conducted accuracy testing with hospital staff on sample charts to refine extraction algorithms

### [Cascade - NGO Recognition Platform](#) | *HTML, CSS, JavaScript, Firebase, Google Maps API*

- Built web platform for discovering local NGOs using Google Maps API location services
- Implemented Firebase authentication and database for NGO registration and profile management
- Added filtering by cause area and verification status to help users find relevant organizations
- Deployed initial version with sample data from 20+ NGOs for user testing

### [ChatSphere](#) | *React, Vite*

- Developed responsive chat interface using React with Vite for improved build performance
- Implemented modular component architecture for potential integration with chat APIs
- Optimized state management for future real-time LLM streaming (GPT compatibility)

## POSITION OF RESPONSIBILITY

- Google TalentSprint WE '22 Finalist — Reached final round out of 27,000+ applicants across India.
- Vice President (Metaversity Club) — Managed 3+ events; increased member count from 50 to 100.
- Hope of Happiness NGO, Delhi — Led 12 workshops; impacted beneficiaries
- PR Head (Meraki Fine Arts Club) — Organized 4 events; reached 800+ participants