

Nidhi Sarda

+91 6281393494 | nidhisarda11@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Anurag University

B.Tech in Information Technology

- **CGPA:** 9.1 / 10

Hyd, Telangana

Nov 2021 – May 2025

PROJECTS

NGOConnect | MERN Stack, Twilio, OAuth, JWT

August 2024

- Collaborated in a cross-functional team during JP Morgan's **Code for Good** hackathon to build a full-stack solution for NGO requirement tracking.
- Developed a responsive frontend in **React** and integrated it with a secure **Node.js/Express** backend.
- Implemented **Twilio** for SMS/email alerts and **OAuth + JWT** for secure user authentication and access control.

DocuChat | Ollama, Qdrant, SentenceTransformers, FastAPI, AWS

January 2025

- Developed a **Retrieval-Augmented Generation (RAG)** application that enables users to query and interact with their own PDF documents in a chatbot interface.
- Used **SentenceTransformers (all-MiniLM)** to generate embeddings and stored them in **Qdrant vector database** for efficient semantic search.
- Integrated **Ollama** as the local LLM server to handle natural language responses from user queries.
- Implemented persistent **chat history storage** per user and deployed the application with **cloud-based storage** support for scalability.

FinPulse | Node.js, WebSockets, Express, MongoDB, Chart.js

May 2025

- Engineered a real-time web dashboard that streams and visualizes live stock market data using **WebSockets** and a custom polling service.
- Designed a scalable **REST + WebSocket backend** in **Node.js/Express** to push updates instantly to connected clients with minimal latency.
- Built dynamic charts with **Chart.js** and persisted user watchlists, preferences, and alerts in **MongoDB** for a personalized experience.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript

Web Development: React, Node.js, FastAPI, Streamlit

Frameworks & Libraries: PyTorch, Hugging Face Transformers, MATLAB

Tools & Databases: Git, Docker, MongoDB, PostgreSQL

ACHIEVEMENTS & CERTIFICATIONS

- Finalist at **JP Morgan Code for Good 2024** – selected among top teams for innovative tech-driven NGO solutions.
- Completed **AICTE Cloud Security Virtual Internship** (Apr–Jun 2024) focusing on cloud infrastructure and secure system design.
- Earned multiple certifications from **Cisco** including **CCNA**, **Python**, **Cybersecurity**, and **Data Science Essentials**.
- Certified in **Machine Learning using MATLAB** – hands-on training on model development and analysis.
- Completed **Bharat Virtual Internship Program** (Aug–Sep 2023) with exposure to real-world industry tools and workflows.