

HEENA JINDAL

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OBJECTIVE

Third-year AI/ML undergraduate (CGPA 8.99/10) who has shipped four full-stack AI/ML products — integrating LLMs, NLP, computer vision, and classical ML into Flask/Next.js applications deployed on Vercel, Render, and Hugging Face Spaces. Strong foundation in Python and Data Structures & Algorithms (70+ LeetCode problems solved); currently deepening skills in Generative AI and agentic systems. Seeking a Software Engineering or AI/ML internship in Delhi NCR.

EDUCATION

Delhi Technical Campus (GGSIPU) — B.Tech, Artificial Intelligence & Machine Learning

2024 – 2028 | CGPA: 8.99/10

Sarvodaya Kanya Vidyalaya (CBSE) — Class XII | 89% | 2024

TECHNICAL SKILLS

• Python • Machine Learning & NLP • Flask • Next.js • SQL

PROJECTS

MetroVerse — AI-Powered Smart Metro Navigation Platform

Python, Flask, Next.js, PostgreSQL, Supabase, Llama 3.3, Groq API

[Live Demo](#) | [GitHub](#)

- Engineered a full-stack metro navigation platform covering 262 Delhi Metro stations across 11 lines using the official GTFS dataset
- Modeled the Delhi Metro as a weighted graph and implemented Dijkstra's Algorithm for shortest-path route planning
- Integrated Llama 3.3 via Groq API and developed 8+ REST APIs for AI-powered route assistance
- Designed a secure authentication system using Supabase Auth (email/password and Google OAuth) and deployed the application via Vercel and Render

Smart College Assistant — AI-Powered Campus Management System

Python, Flask, Next.js, TypeScript, Scikit-learn, SQLite

[GitHub](#)

- Developed a bilingual Hindi/English NLP chatbot trained on 500+ QA pairs using TF-IDF vectorization and a Voting Classifier (SVM, Logistic Regression, Random Forest)
- Integrated 10+ campus modules (chatbot, attendance, marks, dashboard) into a unified Flask REST API backend; co-authored a research paper based on the project (under review)

Fake Certificate Detection — ML Document Verification System

Python, Scikit-learn, Random Forest, Pandas, NumPy

[GitHub](#)

- Trained a Random Forest classifier on 34,000+ certificate records, achieving 84% classification accuracy after data preprocessing and feature engineering

VibeVerse — AI-Powered Student Wellness Platform

Python, Flask, Next.js, SQLite, TextBlob, Spotify API

[Live Demo](#) | [GitHub](#)

- Developed an AI-powered wellness platform with real-time sentiment analysis using TextBlob for mood detection
- Engineered a mood-based music recommendation engine that surfaces personalized tracks via the Spotify API
- Deployed the application on Hugging Face Spaces and Vercel with session-based conversation storage

CERTIFICATIONS

- Tata GenAI Powered Data Analytics Job Simulation (Forage) | Data to Web Bootcamp (Power BI & Flask) | Internal Smart India Hackathon

LEADERSHIP & ACHIEVEMENTS

- Social Media Head, ACE DTC (2025 – Present) and Team Member, All IPU Community — managed LinkedIn/Instagram pages and promoted 2+ technical events
- Participant, Smart India Hackathon (SIH) 2025 and Manthan Kriti Hackathon 2024; Volunteer, Manthan Kriti 2025
- Solved 70+ DSA problems on LeetCode (Arrays, Strings, Trees); maintains 6+ public GitHub repositories