

Aayushi Singh

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Summary — An AI and Full-Stack Web developer passionate about building innovative tech solutions for social impact

Education

Indira Gandhi Delhi Technical University for Women (IGDTUW)

2024-2028

Bachelor of technology in Information Technology

CGPA (1st Year) : 9.35

Relevant Courses: Data Structures, Algorithms, DBMS, OOPS, Web Technologies

Certifications

– IBM — Data Science Specialization (Python & SQL)

Certificate

Skills

Languages Python, JavaScript, TypeScript, C++, SQL, R

Databases PostgreSQL, MongoDB, Firebase, MySQL

Frontend React.js, Next.js, HTML, CSS, Tailwind

CS Concepts OOPS, DSA, DBMS

Backend Node.js, Flask, FastAPI, REST APIs, GraphQL

Tools Git, Tableau, Power BI, Figma, Jupyter, Vercel

Experience

Generative AI & Prompt Engineering Intern — Sansoftech, IGDTUW

Jun 2025 – Jul 2025

- Designed advanced prompt engineering workflows for LLMs (OpenAI APIs, GPT, DALL·E) improving generation quality, context grounding, and retrieval accuracy.
- Built Vistora, an AI brand identity generator using Python, DALL-E and OpenAI API.
- Implemented end-to-end ML pipelines including data preprocessing, embedding generation, model evaluation, latency optimization, scalable REST APIs and secure asset delivery.

Projects

Nyaydarpan — AI Contract Risk Analyzer

2025

- LLM-powered contract intelligence engine using Gemini + Gecko embeddings with clause-level risk scoring.
- FastAPI backend with Supabase vector DB enabling semantic search and document grounding.
- Whisper-driven voice query interface for accessible legal understanding.
- Deployed scalable architecture using Next.js on Vercel + FastAPI on Cloud Run.

IRIS — Interstellar Rapid Interception System

2025

- Built AI-driven orbital interception feasibility analysis using NASA JPL deep space trajectory data.
- Developed Next.js dashboard with real-time visualization of trajectory and maneuver requirements.
- Improved predictive accuracy by 30% over baseline modeling approaches.

VyapaarVikas — MSME Intelligence Dashboard

2025

- Multilingual financial analytics and competitor insights platform built with Next.js + Tailwind.
- AI-based decision support increasing accessibility of business intelligence tools for MSMEs.
- Modular pipeline enabling rapid integration of new KPIs and benchmarking data streams.

Achievements

- Top 30 — Industrial Ideathon, NSUT (2025) among 200+ innovative product teams
- Top 50 — Hack for Impact, IIITD E-Summit (2024) among 150+ tech solutions teams

Extracurricular Activities

- Web Development Mentor — GDG, IGDTUW 2025
- Technical Associate — TechNeeds, IGDTUW 2025
- Technical Coordinator - AssetMerkle, IGDTUW 2025
- Event Coordinator- MSLC, IGDTUW 2025
- Campus Ambassador — Google Gemini Student Program ; Techfest, IIT Bombay ; Girscrip Summer of Code 2025
- Event Coordinator — IEEE, Synergy, IGDTUW 2024
- Public Relations Coordinator - Finivesta, IGDTUW 2024