

Sugandha Sawhney

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EDUCATION

Indira Gandhi Delhi Technical University for Women

Bachelor of Technology, Information Technology | GPA : 9.29

Delhi, India

2024-2028

Khemo Devi Public School

Class XII (CBSE) | 86.4%

Narela, Delhi, India

2022 - 2024

Sacred Heart Convent Sr. Sec. School

Class X (CBSE) | 98%

Yamunanagar, Haryana, India

2010 - 2022

TECHNICAL SKILLS

Programming Languages: Proficient - C++, Python; Intermediate - SQL, JavaScript, HTML/CSS, React.js

Software and Tools: Git, GitHub, VS Code, Google Colab

EXPERIENCE

Generative AI and Prompt Engineering Internship

IT Department, IGDTUW

Delhi, India

Jun 2025 - Jul 2025

- Worked on Natural Language Processing and Large Language Models (GPT-3.5, Gemini), applying prompt engineering and Retrieval-Augmented Generation (RAG) techniques while exploring fine-tuning and model deployment concepts.

Program Facilitator

Google Cloud Arcade Program, Cohort 2

Remote

August 2025 - October 2025

- Volunteered in mentoring and guiding 300+ participants in learning Google Cloud technologies through hands-on labs, discussions, and doubt-solving sessions.

Campus Ambassador | Contributor

GirlScript Summer of Code

Remote

July 2025 - October 2025

- Created and led a community of 800+ students, organizing events and peer-learning sessions while actively contributing to open-source projects, improving features, and enhancing collaborative development.

PROJECTS

Aspirobot | Generative AI

- Developed an AI-powered platform with Resume Analyzer, Career Roadmap Generator, and smart chatbot for career guidance.
- Implemented LLM-based ATS resume analysis, roadmap visualization (Mermaid.js), and personalized AI-driven suggestions.
- Tech Stack:** React.js, Python, Streamlit, Gemini, Mermaid.js ([GitHub Link](#))

Jharkhand Darshan | SIH 2025

- Developed a smart tourism platform that redefined Jharkhand's travel experience through safety, authenticity, and cultural immersion, empowering locals and promoting eco-tourism.
- Integrated AI itinerary planner, Safe Homestays, AR/VR heritage tours, Blockchain marketplace, multilingual chatbot, and police-linked safety check-ins for secure, seamless travel.
- Tech Stack:** React.js + vite, Tailwind CSS, Gemini APIs, LangChain, Node.js + Express.js, Firebase, MongoDB, Blockchain (Ethereum), Open street Map, PostgreSQL/MySQL ([Demo Link](#))

ACHIEVEMENTS

Smart India Hackathon 2025

- Shortlisted among top teams from 250+ entries in internal SIH and nominated for the National Online Screening Round.