

Anandita Saxena

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Education

Indira Gandhi Delhi Technical University For Women

2022 – 2026

B.Tech in Computer Science With Artificial Intelligence

- GPA: 8.56/10.0
- **Coursework:** Data Structures and Algorithms, Operating Systems, Object Oriented Programming, DBMS

Projects

NutriGenie — AI-Powered Personal Diet Companion

[live](#) | [github](#)

- Built a full-stack diet app that generates realistic meal plans, recipes, grocery lists, and wellness tips.
- Used Google Gemini API to create multi-day plans with nutritional targets and disclaimers.
- Added JWT and Google OAuth for secure login and persistent sessions.
- Auto-calculates BMI/BMR from user profiles and saves them.
- Users can save, revisit, and download plans as PDFs.
- The dashboard always shows the latest plan; fully responsive UI with Tailwind CSS.
- Tools used: React, Node.js, Express.js, MongoDB, Tailwind CSS, Gemini API, JWT, Google OAuth, Render, React-PDF.

Dynamic Portfolio Website

[live](#) | [github](#)

- Built a modern, fully responsive personal website that seamlessly adapts across devices.
- Designed accessible and clean UI components with Tailwind CSS, ShadCN UI, and Lucide React.
- Integrated project showcases, skills highlights, and direct contact features for easy outreach.
- Deployed with Netlify for fast load times, automatic builds, and high availability.
- Tools: Next.js, React, TypeScript, Tailwind CSS, ShadCN UI, Lucide React, Node.js, Netlify.

AI Chatbot

[live](#) | [github](#)

- Developed an interactive AI chatbot that answers user queries with the Gemini API.
- Added real-time image upload support to enhance user experience.
- Designed a simple and intuitive chat UI with Bootstrap to ensure smooth user interaction.
- Optimized script execution and styling with pure JavaScript, HTML, and CSS.
- Tools: HTML, CSS, JavaScript, Gemini API, Bootstrap.

Chat with Multiple PDFs

[github](#)

- Created a smart PDF Q&A tool that lets users ask questions across multiple files.
- Enabled context-aware answers by combining Mistral-7B-Instruct with LangChain conversation memory.
- Automated document chunking, embedding generation, and vector search for fast semantic retrieval.
- Provided a user-friendly web interface with Streamlit for instant query results.
- Tools: Python, Streamlit, LangChain, HuggingFace, FAISS, PyPDF2, sentence-transformers.

Technologies

Languages: JavaScript (ES6+), TypeScript, Python, Java, SQL, HTML, CSS

Frameworks/Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS, Bootstrap, LangChain, HuggingFace, FAISS

Tools/Platforms: MongoDB, Mongoose, OpenAI/Gemini API, JWT, Google OAuth, Git & GitHub, Netlify, Render

Achievements

- Winner of Lean In IGDTUW Stock Trading Competition.
- Solved 300+ questions on leetcode
- Smart India Hackathon: Selected among 150+ college teams.
- IdeaStorm: Top 40 out of 1000+ participants.
- Cleared JEE Advanced (2nd toughest exam globally).
- AIR-16,428 in JEE Main (among 700,000 students).

Involvements

- Desh ke Mentor — *Mentor*
- Prekshya, IGDTUW — *Member*
- Finivesta, IGDTUW — *Creative Team Member*