Tanya Jain

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Delhi, India

Summary

Computer Science undergraduate with 8.54/10 GPA skilled in full-stack development using React, Next.js, Node.js, and Python. Developed AI-integrated applications including real-time chat systems and image analysis tools. Seeking software engineering internship.

Education

VIT Bhopal University — Bhopal, India
B.Tech in Computer Science and Engineering — 2022–2026
GPA: 8.54/10.0

D.A.V. Public School — Delhi, India
CBSE (Class XII) — 2021–2022
Percentage: 88.8%

St. John's Academy — India
CBSE (Class X) — 2019–2020
Percentage: 96.6%

Technical Skills

- **Languages:** Python, JavaScript, TypeScript, Java, C++
- **Frontend:** React, Next.js, HTML5, CSS3, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs, Socket.IO
- **Databases:** PostgreSQL, MySQL
- **Tools:** Git, AWS, Vite.js
- **AI/ML:** Google Gemini AI, OpenAI GPT-4

Technical Projects

Image Identifier AI Application — *Next.js, TypeScript, Gemini AI*

- Built full-stack app for image analysis using Gemini AI with real-time Q&A feature
- Implemented responsive UI with Next.js App Router and RESTful APIs

AI Powered Text Summarizer — *React, Redux, GPT-4*

- Developed article summarization tool using GPT-4 API with state management
- Created responsive interface with Tailwind CSS and caching strategies

Real-Time Chat Application — *Next.js, Node.js, Socket.IO*

- Created messaging platform with real-time communication and user authentication
- Designed database schema and implemented CRUD operations with PostgreSQL

Experience

ISL Winter Internship — Remote
Winter Intern — Dec 2024–Jan 2025

- Learned CubeSat/CanSat satellite design principles and drone flight dynamics
- Documented technical concepts in aerospace technology through comprehensive reporting

Certifications & Achievements

- **Japanese-Language Proficiency Test (JLPT N5)** — 2025
- **Smart India Hackathon 2023** – Proposed "Smart Walk Real-Time Crowd Density Tracker": A real-time crowd monitoring concept to enhance safety, optimize resource utilization, and help individuals identify less crowded spaces
- **Core Member, Dance Club** – Choreographed performances for university events
- **Member, iOS Club** – Assisted in technical sessions on mobile development