Chandrani Saha

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Profile

Curious and self-driven student pursuing a Dual Degree in Computational Natural Sciences at IIIT Hyderabad. Passionate about applying AI and full stack development to build real-world products. Actively exploring LLMs, SEO workflows, and content automation. Eager to learn, collaborate, and contribute to impactful projects.

Education

IIIT Hyderabad — B.Tech + MS Dual Degree in Computational Natural Sciences
2024 – 2029 (Expected)
Relevant Courses: Data Structures and Algorithms, Computing in Sciences 1 & 2, Classical Mechanics, Linear Algebra, Real Analysis, Electrodynamics

G.D. Birla Centre for Education, Kolkata
ISC (Class 12): 99%   ICSE (Class 10): 98%

Internship Experience

SEO and Content Strategy Intern — Typeflo
Worked on streamlining the blog publishing pipeline and improving SEO effectiveness. Developed reusable templates for metadata, content structure, and keyword strategy. Introduced keyword clustering techniques and improved collaboration across content and design, resulting in a significantly faster and more consistent publishing process.

Projects

Tribbi AI – Mock Interview Platform (Under Development)
Designing an AI-based mock interview system using a fine-tuned Mistral 7B model with Hugging Face Transformers. Building prompt workflows, data preprocessing pipelines, and adaptive interviewer logic to simulate realistic interview scenarios. Focused on resume awareness, multi-turn questioning, and company-specific tone.

Rexwo – Health Data Aggregation App
Live Prototype: rexwoapp.netlify.app
Co-founded a healthtech platform to help hospitals and pharmacies analyze patient data for early diagnostics. Designed UI flows and contributed to feature planning and frontend development. Built as part of IIIT Hyderabad's StartUp Aid competition.

Achievements

- **JBNSTS Scholar (2022)** – Awarded by the Government of West Bengal for scientific aptitude and research potential.

- **INSPIRE SHE Scholar (2023)** – Awarded by the Department of Science and Technology, Government of India, to top 1% female science students.

Technical Skills

Programming: C, C++, Python, Java, JavaScript
Web: HTML, CSS, SEO Optimization
AI/ML: Hugging Face Transformers, Prompt Engineering, Model Fine-tuning
Design: Canva, Figma (basic), Image Optimization
Tools: Git, Linux, Google Docs, Google Search Console
Databases: SQL, MongoDB
Concepts: Data Structures, Algorithms, OOP

Leadership & Extracurricular Activities

- Public Relations, E-Cell, IIIT Hyderabad

- Marketing, Ping! IIIT Hyderabad

- Social Media Team, ArtSociety & The Dance Crew

- Performer, Cyclorama IIITH

- Social Media Volunteer, Felicity 2024

Volunteer Experience

ISKCON Kolkata
Helped organize community outreach and cultural programs. Managed logistics, food distribution, and event coordination.

Languages

English (Fluent), Bengali (Native), Hindi (Proficient)