

Lakshay Bhushan

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EDUCATION

- **Indraprastha Institute of Information Technology (IIIT Delhi)** New Delhi, Delhi
B.Tech in Computer Science and Social Sciences 2021 - Present

EXPERIENCE

- **Knowledgeable Computing and Reasoning Lab** Jan 2024 - Present
Undergraduate Student Researcher
 - Conducting research under the guidance of Dr. Raghava Mutharaju (IIIT Delhi) and Dr. Cogan Shimizu (Wright State University) on evaluating ontology quality.
 - Developing metrics for ontology assessment, focusing on empirical validation and quality improvement.
- **HeydoTech** Nov 2023 - Feb 2024
Frontend Developer Intern
 - Developed frontend for **wa.ai** (WhatsApp AI chatbot SaaS) using **Next.js**, **TypeScript**, & **Tailwind CSS**.
 - Created a desktop dashboard GUI for **AutoMate** using Python's customTkinter library.
 - Designed & developed the official landing page for **HeydoTech** using **Framer**.

SKILLS

- **Languages:** Python, C#, Java, SQL, PostgreSQL, JavaScript, TypeScript
- **Frameworks/Libraries:** Astro, Next.js, React, Tailwind CSS, Vuforia, Git, GitHub, Flask, FastAPI
- **Design Tools:** Unity, Figma, Framer, Blender, Adobe Photoshop | Illustrator

PROJECTS

- **Arkaid** | *Game Performance Analytics Platform* — [GitHub](#) 2024
 - Developed a platform integrating multi-source data using **Python**, **PostgreSQL**, **AWS**, and **Flask**, featuring **ETL pipelines**, AI-powered **natural language queries** via **TogetherAI**, and a web-based dashboard.
- **Wailist Template** | *A Next.js Waitlist Template with Notion as CMS* — [GitHub](#) 2024
 - Built a waitlist template using **Next.js 14**, **Notion** as CMS, with **Upstash Redis** for rate limiting and **Resend** for sending custom domain emails. Used **Tailwind CSS** & **shadcn/ui** for a responsive and clean UI.
- **What the Hack?!** | *A Hacker News AI comments summarizer* — [GitHub](#) 2024
 - Developed a comprehensive web tool using **Next.js 14**, **Tailwind CSS**, **Cloudflare Workers AI**, and **Vercel** to summarize a HackerNews Post's comments which also generates illustrative images for the topic.
- **voyageVR** | *End Traveller Focused VR Tourism* — [GitHub](#) 2023
 - Created a VR tourism prototype for VoyageHacks hackathon using **Unity** and **C#** with **Google Map Photorealistic Tiles**, **Cesium Ion API**, and **Meta SDK**.

POSITIONS OF RESPONSIBILITY

- **TEDxIIITD** | *Executive Committee Member*
 - Designed & implemented cohesive visual branding for TEDxIIITD 2023.
- **E-Summit IIITD** | *Creatives Team lead*
 - Led creatives team for E-Summit IIITD 2023, ensuring high-quality event organization and design leadership.
- **E-Cell IIITD** | *Head of Design at E-Cell IIITD*
 - Led the design for events at E-Cell IIITD, demonstrating strong leadership and a commitment to quality.

ACHIEVEMENTS

- Winner at Voyagehacks Hackathon (2023 - 2024) by [tbo.com](#) and received a cash prize of **₹5 Lakhs (\$6000+)**
- Honored with Dean's List Award for Academic Excellence (2024)
- Runner-Up at DevHaven Hackathon by BYLD IIITD (2024)