



LAKSHAY BHUSHAN

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DOB: March 24, 2004

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Education

Indraprastha Institute of Information Technology, Delhi
B.Tech (CSSS)
2021 - present

SGPA: 7.20
(In Vth semester)

Kendriya Vidyalaya Shalimar Bagh, Delhi
CBSE, Class 12, PCM+CS
2020 - 2021

Percentage : 89.2%

Kendriya Vidyalaya Shalimar Bagh, Delhi
CBSE, Class 10
2018 - 2019

Percentage : 86.8%

Skills

Expertise Area:	Semantic Web, Ontology Modelling, UI/UX, Web Development, XR Development
Programming Languages:	Python, C, C++, Java, JavaScript, TypeScript, RDF, OWL
Tools and Technologies:	Next JS, React JS, Tailwind CSS, Flask, Git, Github, Vercel, Netlify, MySQL, MongoDB, SPARQL, LibGDX, Linux, VS Code, Figma, Adobe Photoshop Illustrator, Blender, Unity
Technical Electives:	Data Structure and Algorithm, Human-Computer Interaction, Advanced Programming, Operating Systems, Semantic Web, User Experience Design of XR

Internship

Heydo Tech Collaborated with a skilled development team at Heydo Tech to engineer the frontend of an AI-driven WhatsApp chatbot using NextJS and TailwindCSS , gaining invaluable experience. Demonstrated expertise led to the trusted responsibility of developing a Windows application for administrative automation using Python and Selenium.	(Nov, 23 - Dec, 23)
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Projects

Pixelverse – AI powered text to image generator A frontend application that uses NextJS styled with Tailwind CSS to generate images from text prompts using the Hugging Face API . Instance deployed here .	Individual (Jun, 23)
Urlify. – A super simple URL shortener A simple full-stack link shortener made using Nuxtjs backed with Supabase . The project uses NuxtJS's serverless functions to create customizable shortened links with nanoid that redirect to longer, more complex URLs with user authentication. Instance deployed here .	Individual (Jun, 23 - Jul, 23)
Sangeet AR – Augmented Reality Music Exploration Developed an Android app using Unity & Vuforia , bringing classical Indian instruments (Tabla, Harmonium, Bansuri) to life through AR . Designed onboarding screen using Figma. Demo video: here .	Individual (Sep, 23)
VoyageVR – End Traveller Focused VR Tourism Developed for tbo.com at Voyagehacks Hackathon. Utilized Unity and MetaQuest2 for a seamless VR tour. Integrated Cesium Ion API with Google Maps Photorealistic Tiles , providing a rich geospatial experience. Demo video: here .	Team Size-5 (Nov, 23 - Jan, 24)

Greeney. – A Visual Studio Code Theme

A nice greenish-blue colored theme with the intention of providing a comfortable and distraction-free environment in which to code. Link to the **Visual Studio Marketplace** [here](#).

Individual

(May, 22 - June, 22)

Tank Stars – GUI Game

A desktop game implemented using **Java**'s game development framework – **LibGDX**, as our Advanced Programming group project. Repository [here](#).

Team Size-2

(Nov, 22 - Dec, 22)

CabCo – DBMS Project

A simple cab booking application with a visual pleasing GUI backed with the **MySQL** Databases coded with **Python**. Repository [here](#).

Team Size-2

(Jan, 23 – Mar, 23)

Positions of Responsibility

Undergraduate Researcher at KRaCR Lab IIITD

(Jan, 23 – Present)

Student Researcher at Creative Interfaces Lab IIITD

(Aug, 23 – Dec, 23)

Head of Design at E-Cell IIITD

(Aug, 23 – Dec, 23)

Executive Committee Member (Design) at TEDxIIITD

(Feb, 23 – Apr, 23)

Creatives Team Lead at E-Summit IIIT-Delhi

(Mar, 23 – Apr, 23)

Awards and Achievements

1. Winner at Voyagehacks hackathon by [tbo.com](#) with a cash prize of Rs 5 Lac
2. Secured 2nd place at CIVISO Designathon 2022
3. Got the Highest Marks (97/100) in Mathematics Class X Board in my school

Interests and Hobbies

- Like to create graphic designs & websites in spare time
- Like to read tech news and technology advancements

Declaration: The above information is correct to the best of my knowledge.

LAKSHAY BHUSHAN

Date: February 7, 2024