

Krish Sagar

9608376877 | sagarkrish2408@gmail.com | linkedin.com/in/krish-sagar-8b182a25b | github.com/krishshh-24

EDUCATION

Birla Institute of Technology

B.Tech in Computer Science — CGPA: 8.5

Ranchi, India

Nov 2022 – July 2026

Delhi Public School

Class 12 — 93.8%

Patna, India

Apr 2021 – Mar 2022

Delhi Public School

Class 10 — 95%

Patna, India

Apr 2019 – Mar 2020

PROJECTS

SmartCut — AI Image Editor SaaS | smartcut.vercel.app

- Developed an AI-powered image editor SaaS using **Next.js**, **Cloudinary AI**, and **MongoDB**, enabling features like object removal, recoloring, and restoration.
- Implemented secure authentication with **Clerk** and integrated **Stripe** for subscription billing and credit-based usage.
- Built a responsive UI with **ShadCN UI**, and managed form validation and state using **React Hook Form** and **Zod**.

Whispr — Anonymous Messaging Platform | github.com/krishshh-24/WhisprApp

- Built an anonymous messaging platform using **Next.js**, **MongoDB**, and **Zod**, ensuring secure and validated user interactions.
- Integrated **OpenAI API** to suggest personalized message prompts, enhancing user engagement and ease of use.
- Designed a responsive UI with moderation tools and an admin dashboard for managing user reports and analytics.

Real-time Video Broadcasting Platform | github.com/krishshh-24/LiveStreamApp

- Built a scalable live-streaming platform using **FFmpeg**, **RTMP**, and **Node.js**, enabling real-time video broadcasting.
- Designed a customizable front-end interface using **React.js**.
- Achieved low-latency streaming without WebRTC by optimizing media pipelines and encoding workflows.
- Used **Docker** for containerization and deployment-ready local development.

ACHIEVEMENTS

1st Place, EDC Innovate-a-Thon

- Developed an innovative rover capable of detecting hazardous gas levels, specifically CO2 and NO, in garbage dumpyards. The rover identifies potential risks of explosions and harmful air quality, contributing to improved safety measures in waste management environments.

POSITIONS OF RESPONSIBILITY

Secretary of Alumni Relations | *CSE Department Association*

- * Managed alumni network, organized newsletters, and enhanced alumni engagement through social media.

Documentation Coordinator | *UNESQUO Club*

- * Coordinated documentation for Genesis'23 and BIT-MUN'24 events.
- * Ensured seamless event logistics and participant engagement.

TECHNICAL SKILLS

Languages: C/C++, Java, SQL, JavaScript, HTML/CSS

Frameworks: React.js, Next.js, Node.js

Developer Tools: Git, Docker, VS Code