

Sarthak Gupta

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Projects

AI Background Removal Web App — MERN Stack (SaaS) [Live](#) — [Backend](#) **2025**

Tech Stack: React (Vite), Node.js, Express.js, MongoDB, Tailwind, Razorpay, ClipDrop API

- Built a full-stack SaaS platform where users can upload an image, remove the background using the **ClipDrop ML API**, and download **HD-quality output**.
- Implemented **secure authentication** and a **credits system** with Razorpay integration for purchasing additional credits.
- Designed a minimal analytics system storing user uploads and processed images in MongoDB.
- Processed **100+ images** with optimized API calls and efficient server responses.

Imagify — AI Image Generator (MERN Full Stack) [Live](#) — [Backend](#) **2025**

Tech Stack: React (Vite), Node.js, Express.js, MongoDB, Tailwind, ClipDrop API

- Developed an AI-based image generation platform where users generate images from text prompts using the **ClipDrop generative API**.
- Added **user authentication**, image history, credits system, and image downloads.
- Built a dedicated dashboard for viewing generated images and previous activity.
- Supports generation of **multiple image styles and variations**.

Skills

Languages: JavaScript, TypeScript, C++, Python, SQL **Frontend:** React.js, Tailwind CSS, Vite **Backend:** Node.js, Express.js, REST APIs **Databases:** MongoDB **DevOps & Tools:** Git/GitHub, CI/CD, Postman, Render, Vercel **Additional Strengths:** Communication, reasoning aptitude, analytical thinking

Achievements

- Solved **250+ DSA problems** on LeetCode.
- Achieved a **1500+ CodeChef rating**, showing strong competitive programming skills.
- Working on a **Cloud Computing project** as part of the college minor specialization.
- Scored **93.2% in Class 10** (CBSE).
- Scored **80.6% in Class 12** (UP Board), securing **Top 1 Percentile**.

Education

Indian Institute of Information Technology (IIIT) Bhopal **2023 – 2027**

B.Tech in Computer Science and Engineering (CSE), **CGPA: 8.64** (till 4th semester)

Secondary Education

Class 12 (UP Board) — **80.6% (Top 1 Percentile)** **2022** Class 10 (CBSE) — **93.2%** **2020**