

SAYAN PAL

Full Stack Developer

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SUMMARY

Self-taught full-stack developer who builds and ships real, deployed web applications independently. Comfortable working across the full stack — from designing REST APIs and handling backend logic in Node.js and Python to building clean, responsive UIs in React. Every project on my GitHub has a live URL.

TECHNICAL SKILLS

- Frontend: React.js, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3
- Backend: Node.js, Express.js, Python (Flask/yt-dlp), REST API design, Django
- Database: MongoDB (Mongoose), MySQL
- Tools & Deployment: Git, GitHub, JWT, Vercel, GitHub Pages, Vite, GitHub Actions

PROJECTS

InstaSnap — Instagram Media Downloader | *HTML, CSS, JavaScript, Python (Flask), Vercel*

- Built a full-stack web app (frontend + Python backend) that lets users download Instagram photos, videos, and carousel posts by pasting a link.
- Wrote a backend proxy in Python to bypass browser CORS restrictions, enabling direct file downloads to the user's device.
- Added real-time progress feedback, session download history (last 5 items), and full dark/light mode — deployed live on Vercel.

github.com/sayanpal514-hue/instagram-dowloader-app-10 | instagram-dowloader-app-10.vercel.app

MINI YT HUB — Video Discovery & Scraper Platform | *HTML, CSS, JavaScript, Python (yt-dlp), GitHub Actions*

- Built a dark-themed video discovery platform that auto-scrapes YouTube channels by category (Anime, Bollywood, Hollywood, Bengali, etc.) using a Python/yt-dlp script.
- Implemented dynamic filtering by category and instant search by title, uploader, or tag — all on the client side without a database.
- Automated data refresh with GitHub Actions and deployed the static frontend via GitHub Pages.

github.com/sayanpal514-hue/MINI-YT-HUB | sayanpal514-hue.github.io/MINI-YT-HUB

Movie Hub Live — Real-Time Movie Catalogue | *HTML, CSS, JavaScript, Node.js, Vercel*

- Developed a live movie catalogue app that fetches and displays up-to-date movie data, deployed continuously via Vercel.
- Structured movie data in a JSON-driven architecture and used GitHub Actions to keep the catalogue refreshed automatically.
- Focused on fast page loads and a clean browsing experience across desktop and mobile screen sizes.

github.com/sayanpal514-hue/MOVIE-HUB-LIVE | movie-hub-s10.vercel.app

EDUCATION

- Bachelor of Technology (B.Tech), Computer Science — Currently Pursuing (CGPA: 7.32 through 6th Semester)
- Class XII (Higher Secondary) — 88.2%
- Class X (Secondary) — 86.9%