

SATYAM KUMAR SINGH

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GitHub: [@SATYAM-KS](#) LinkedIn: [@satyam-ksingh](#)

SKILLS

Languages: C/C++, Python, JavaScript, TypeScript

Frontend: React, Next.js, HTML, CSS, Tailwind CSS, GSAP, Three.js

Backend & Database: Node.js, Express, MySQL, PostgreSQL, Supabase, Prisma, Socket.IO, WebRTC

AI / Web3 / Tools: LLM Integration (OpenRouter, Gemini API), NLP, Ethereum, Ethers.js, MetaMask, Git, GitHub, REST APIs

PROJECT WORK

StudySync [live link](#) [repository](#)

2026

Featured Project

Built a full-stack, **real-time peer-accountability study platform** that verifies student focus sessions in **5-minute blocks** using the **Google Gemini multimodal vision API**, automatically classifying each session as productive or off-task. Engineered **3 concurrent real-time systems** — a live cohort leaderboard, group chat, and **WebRTC** voice co-working rooms — using **Socket.IO** and **LiveKit**, deployed to production with **150+ commits** across the development cycle. Stack: **React, TypeScript, Node.js, Supabase (PostgreSQL), Tailwind CSS**.

Carex AI [live link](#) [repository](#)

2026

Developed an **AI-powered medical consultation platform** enabling real-time voice conversations across **5 specialized AI medical agents** (Cardiology, Neurology, Dermatology, Pediatrics, General Medicine). Integrated a **3-stage voice pipeline** — **AssemblyAI** for speech-to-text, an **LLM conversation engine** for response generation, and **Murf AI** for text-to-speech — to deliver natural, low-latency dialogue. Stack: **Next.js, TypeScript, Prisma, PostgreSQL, Clerk Authentication**.

EvolveX [repository](#)

2026

Built a **decentralized freelancing platform** on the **Aptos blockchain** supporting **3 distinct user roles** — client, developer, and verifier — with **Move smart contracts** handling escrow payments and an **NFT-gated verification system** for code review. Developed as part of a **3-person team**, shipping core submission-tracking and payment-release contract logic. Stack: **React, Aptos SDK, Move, Firebase, Petra Wallet**.

WORK EXPERIENCE

Technical Lead (Intern) | DonArt Studio

Jul 2026 – Present

Lead the **technical development function** at an early-stage art studio startup, owning architecture and delivery timelines for the studio's digital platform across **2 concurrent product workstreams**. Translate creative and business requirements into shipped web products, coordinating daily with design and content teams to move features from concept to production.

Founder & Lead Developer | [Bitbulb Studios](#)

Mar 2026 – Present

Founded and run an **independent creative development agency**, owning the full project lifecycle — client discovery, technical architecture, development, and deployment — across **multiple concurrent client engagements**. Built the agency's core tech stack using **React** and **Node.js**, delivering production websites and web applications on a **recurring monthly cadence**.

EDUCATION

B.Tech, CSE (AI) — 3rd Year | Pimpri Chinchwad Education Trust, Pune — **CGPA: 9.31** | 2024 – 2028

XII (HSC) | Dr. DY Patil ACS Junior College, Pune | 2023

X (CBSE) | Mt. St. Ann High School, Pune | 2021

POSITION OF RESPONSIBILITY

Co-Lead | Google Developer Groups on Campus (GDGC), NMIET

Sept 2025 – Present

- Co-lead the **campus developer community**, planning **technical events, workshops, and speaker sessions**.

President | The Falcons

Aug 2024 – Nov 2024

- Organized **hackathons** and led sessions on **web development** for **50+ college students**.

Project Lead | Qubits Club, PCET

Jan 2025 – Apr 2025

- Led **two hardware-software integration projects**, building products that bridge software with **embedded hardware**.

ACHIEVEMENTS

- Won or reached the finalist round in **7+ hackathons**, including a **National-Level win** at **Techathon 2.0 (Pune)** for building the **Falcon Disaster Response System (FDRS)** to address real-world disaster management challenges.
- Founded and scaled an independent development agency, **Bitbulb Studios**, from the ground up while balancing full-time academics.
- Selected as **Co-Lead** of **Google Developer Groups on Campus (GDGC)**, NMIET, to lead technical community programming.
- Won the **Silver Medal in Volleyball** at the college-level sports championship.
- Reached the **Semi-Finals in Cricket** at the college-level sports championship.

Interests: Cricket, Volleyball, Video Games