

YASH UPADHYAY

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EDUCATION

Symbiosis University of Applied Sciences, Indore — B.Tech, Computer Science & IT · CGPA 9.25 2024 – Present
Indian Institute of Technology Madras — BS, Data Science & Applications (dual degree) · CGPA 8.0 2023 – Present

FOUNDER

GigDekho — Founder & Sole Operator · gigdekho.com 2026 – Present

- Founded and run a live hyperlocal gig and internship marketplace for Indore, connecting companies with students who want paid work.
- Placed **50+ people** in gigs and internships within ~2 months of launch; **100+ daily visitors**; partnered with leading Indore companies and firms.
- Built the entire platform solo: server-rendered React Router + TypeScript on Vercel, Supabase Postgres with row-level security, an idempotent wallet ledger, referral engine, attendance tracking, document verification and a full admin console.

EXPERIENCE

NITI Aayog — Research Intern, Science & Technology Vertical Aug – Sept 2025 · New Delhi

- Designed and proposed a three-tier University–Industry–Government collaboration model to boost youth participation in research and advance Ease of Doing Research.
- Reviewed 20+ research papers and policy documents; drafted 3+ AI governance policy briefs on ethical AI, regulation and responsible deployment.
- Only intern** to receive a Letter of Recommendation from the Senior Advisor.

iSoftZone — Full-Stack Developer Intern June – July 2025 · Indore

- Built an end-to-end job-work management platform (React, Node/Express, MySQL) for large-scale production industries, cutting manual coordination by an estimated **30–40%**.
- Demonstrated the product live on-site to 10+ operational stakeholders, accelerating adoption.

PROJECTS

SatQuery — Conversational AI for satellite imagery · *Winner, TechKutumb 5.0. 2026 · ISRO problem statement*

- Team of four built a chatbot that answers questions about satellite images using four specialized models behind a query classifier that routes each question.
- Owned the bimodal change-detection model: trained on the CDVQA dataset to answer “what changed?” across two images of the same location.

Mission Atlas / SevenShield — Tourist safety platform, Northeast India · *Winner, internal SIH round 2025*

- Expo app, native Kotlin Android app, React authority dashboard and Node API on one Supabase backend; real-time SOS with live GPS, Groq-powered AI itineraries, safety heatmap and score, 14 geofenced zones, and a Polygon-testnet tourist ID.

The Yashord Quiz — Live quiz platform for 200 concurrent players · Next.js, Supabase Realtime

- Built when no free platform could host a 200-student club quiz; later adopted by faculty. Server-authoritative timers with clock-skew correction; load-tested.

Founder’s Second Brain — Personal AI agent with persistent memory · *in progress*

- Graph-vector memory (Cognitive on Postgres) reachable via WhatsApp, Telegram and voice, with scheduled triggers and cross-device context.

Also built: DiskGuardian (auditable Windows disk-cleanup tool, PowerShell/WPF) · Student Management System (FastAPI + MySQL, 1,200+ students) · n8n Ethereum wallet alert bot · client websites

LEADERSHIP & COMMUNITY

- Chairperson, IEEE Computer Society, SUAS** (Nov 2025 – Present; Webmaster, IEEE SB, 2024–25):
 - Led STEM outreach for multiple school students; Delivered a STEM session at a rural government school in Jamburdi Hapsi.
 - Organized Startup accelerator events and competitions; Research Paper conferences
- Vice Chair, ACM Student Chapter, SUAS** (Oct 2025 – 2026; Webmaster, ACM SC, 2024–25):
 - Multiple Student chapter competitions, hackathons, ideathons and esports events conducted
 - Delivered a React.js webinar for Mody University’s ACM chapter.
- Tech Lead, Codec — The Coding Club** (2026 – Present; Senior Web Dev Associate, 2025–26):
 - Taught **15+ sessions** on Git/GitHub, web development, the CLI, and building and winning hackathons.
- Core organizing team, ICTBIG & WorldSUAS international conferences:** 1,000+ papers, 100+ national and international guests, 8 parallel technical tracks; organized and hosted technical sessions.

SKILLS

Languages	Python, TypeScript, JavaScript, Java, Kotlin, C, C++, SQL
Web & Mobile	React, Next.js, React Router, Node.js/Express, FastAPI, Flask, Tailwind, React Native (Expo), Android
Data & Cloud	PostgreSQL, Supabase, MySQL, Oracle SQL, Vercel, Git/GitHub
AI & Automation	LLM APIs (Groq), vision-language models, ML, graph-vector memory (Cognitive), n8n, OpenClaw
Design	Figma, Framer, Stitch

ACHIEVEMENTS

- Hackathon Winner (**1st Position**): TechKutumb 5.0 (2026), internal SIH (2025)
- RMO qualifier (2019)
- Rajya Puraskar, Bharat Scouts and Guides (2019)
- State-level cricketer, KVS Regional (2019)