

Tanay Kumar

[linkedin.com/in/tanay-kumar-5995b4288](https://www.linkedin.com/in/tanay-kumar-5995b4288) | github.com/CriticalMalwareHacker | tanay-kumar.vercel.app

EDUCATION

Mukesh Patel School of Technology Management and Engineering, NMIMS Mumbai, India
B.Tech in Information Technology (Currently Pursuing)

EXPERIENCE

ActuallyFair (Startup)

Software Development Intern

Full-Stack Development & AI Automation

- Built and deployed 10+ RESTful API endpoints and microservices using Node.js to support end-to-end platform workflows.
- Developed a context-aware AI chatbot microservice integrated with OpenAI and Mistral APIs, reducing manual support effort.
- Engineered an AI-assisted document parsing pipeline to extract structured data from unstructured files for faster downstream processing.
- Implemented AI-powered UGC automation workflows in n8n, enabling bulk content operations at scale.
- Translated Figma designs into responsive React components and shipped production-ready frontend features.

PROJECTS

Quizzora | *Next.js, Supabase, OpenAI API, TypeScript, Framer Motion*

- Built and deployed an AI-powered quiz generation platform on Vercel with full prompt-to-quiz workflows.
- Integrated GPT-4o-mini for real-time generation of questions, answer options, and image suggestions.
- Implemented Email + Google OAuth with Supabase Auth and Row-Level Security (RLS).
- Developed a real-time leaderboard (5-second polling), analytics dashboard, and shareable quiz links with QR support.

Re-Code | *Next.js, Bun, Drizzle ORM, TypeScript, P2P, shadcn/ui, Biome*

- Built a P2P collaborative monorepo platform with shared UI primitives through a reusable packages/ui architecture.
- Developed a Bun + TypeScript backend using Drizzle ORM and a signalling layer for real-time collaboration.
- Enforced strict code quality with Biome lint/format tooling and strong TypeScript conventions across packages.

Clipboard | *React 19, Convex, TanStack Router, TypeScript, Docker, Google Cloud Run*

- Built a real-time collaborative clipboard with reactive synchronization across users using Convex queries.
- Achieved sub-300ms update latency with debouncing and optimistic UI patterns.
- Implemented shareable rooms with unique invite codes and containerized deployment on Google Cloud Run.

Sports YOLO | *Python, Ultralytics YOLO, Google Colab, Computer Vision*

- Trained a custom YOLO model to classify four sports from images and live webcam streams.
- Managed end-to-end ML workflow in Colab: preprocessing, splits, configuration, training, evaluation, and export.
- Extended model outputs with an SVM classifier over YOLO features to improve sports-category classification accuracy.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL

Frontend & Mobile: React, Next.js, React Native, Tailwind CSS, TanStack Router

Backend & APIs: Node.js, Express.js, FastAPI, ElysiaJS

AI & Automation: OpenAI, Claude, Gemini, Mistral, n8n

Databases & BaaS: PostgreSQL, Supabase, Neon, MongoDB, Firebase, Appwrite

Tools & Platforms: Docker, Google Cloud Run, Git, Figma, Sanity CMS

LEADERSHIP & ACHIEVEMENTS

- Led development of [socialconclave.in](#) for a major college event; served as Sub-Head of Technicals.
- Served as Head of UI/UX in GDG on Campus MPSTME and created multiple design assets for committee initiatives.
- Automated event ticketing for Global Opportunities Expo with Google Apps Script + Mailgun, generating barcoded PDF tickets (letter of appreciation received).
- Guinness World Record holder — Mumbai Hacks 2024.
- Community roles: Crew Member (GDG Cloud Community Days 2025), Lead Volunteer (FTC 2025), Organizer/Volunteer (Techfest IIT Bombay 2024), Volunteer (Robocon 2023).

CERTIFICATIONS

Cloud Computing Fundamentals: [Google Skills Profile](#)