

Tanay Kumar

B.Tech in Information Technology

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TECHNICAL SKILLS

- **Languages:** Python, JavaScript, TypeScript, HTML, CSS, SQL.
- **Frameworks & Libraries:** Next.js (App Router), React, Tailwind CSS, Astro.js, Framer Motion.
- **Tools & Platforms:** Supabase (Auth, Postgres, Storage), Firebase, Sanity CMS, Figma, Google AppScript, Git/GitHub.
- **AI & APIs:** OpenAI API (GPT-4o), Google Gemini AI, Google Cloud Platform, Mailgun.

KEY PROJECTS

Quizzora | Full-Stack AI Quiz Platform

- **Tech Stack:** Next.js, Supabase, OpenAI API, Tailwind CSS, Shadcn/ui.
- Built a comprehensive quiz application featuring AI-powered quiz generation (using GPT-4o-mini) and a manual creator mode.
- Implemented secure authentication via Supabase Auth and real-time features including live-polling leaderboards.
- Designed a responsive UI with dark mode support, user profiles, and detailed result analytics.

MERN Stack Blog Platform

- **Tech Stack:** MongoDB, Express.js, React (Vite), Node.js.
- Developed a dynamic blog platform featuring a rich text editor, real-time comments, global news feed, and dark/light mode toggle.
- Built robust RESTful APIs for user management and content CRUD operations, secured with JWT authentication and password hashing.
- Led the migration from a static site to a full MERN architecture to overcome authentication limitations, ensuring scalability and custom user profiles.

Nyaay AI | Legal Document Analyzer & Generator

- **Tech Stack:** Next.js, TypeScript, Google Gemini AI, Google Drive & Docs API, NextAuth.js.
- Developed an AI assistant to democratize legal access, capable of generating 6 types of legal documents (NDAs, MOUs, etc.) in multiple languages.
- Integrated Google Gemini to analyze uploaded documents, providing compliance scores (0-100) and actionable risk assessments.
- Enabled seamless export of generated contracts directly to Google Docs.

Neurotechh | Community Website

- **Tech Stack:** Astro.js, Tailwind CSS, Sanity CMS.
- Collaborated with a developer community to build a high-performance website featuring

- a blog, newsletter, and landing page.
- Contributed significantly to the UI/UX design and implementation.

Automated Event Ticketing System

- **Tech Stack:** Google AppScript, Mailgun.
- Engineered an automated email system for the Global Opportunities Expo to distribute unique barcode tickets.
- Streamlined the check-in process by automating bulk responses and participant tracking.

Project Mirage

- **Tech Stack:** HTML, CSS, JavaScript.
- Contributed to a GDSC MPSTME community project by designing a pixel art game and developing the site's navigation bar.

Finance Website (Mumbai Hacks)

- Developed a finance-focused website during the 24-hour Mumbai Hacks hackathon.
- *Achievement:* Part of the event that set a Guinness World Record.

EXPERIENCE & VOLUNTEERING

Field Supervisor | FTC Robotics Competition (Into The Deep)

Pune, India | Feb 2025 – March 2025

- Collaborated with international teams (India, Kazakhstan, UAE, Sri Lanka) to oversee game field operations.
- Led a team of volunteers to ensure smooth match flow, resetting autonomous robots and managing game elements.

Organizer | Google Cloud Community Days 2025

- Managed logistics and coordination for a large-scale cloud computing community event.

Volunteer | Techfest IIT Bombay 2024

- Assisted in organizing one of Asia's largest science and technology festivals.

Volunteer | Global Opportunities Expo

- Managed student interactions and automated the ticketing process for the study abroad fair.

ACHIEVEMENTS

- **Guinness World Record Holder:** Participant at Mumbai Hacks 2024.
- **Design:** Proficient in prototyping designs into code (Figma).
- **Head of UI/UX** at GDG on campus MPSTME
- **Sub-head** of Technicals at social conclave