

Tanmay Kotak

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Education

Aug 2023 – April 2027

D.Y. Patil College of Engineering, Akurdi, Pune, Maharashtra
Bachelor of Engineering(Comp.) — CGPA: 7.5

Technologies

Languages: Java, C++, Python, Javascript

Technologies and Frameworks: HTML, Tailwind, ReactJS, NextJS, NodeJS, ExpressJS, Firebase, MongoDB, Gemini, Hugging Face Transformers, MySQL, FastAPI, Scikit-learn, Pandas

Deployment and Version Control: Git, Netlify, Vercel, Heroku, Render

Projects

Beauty & Bangs — Salon Website



Tech Stack: Next.js, TailwindCSS

- Developed a modern, fully responsive salon website with a clean, minimal UI for showcasing services, pricing, and brand identity.
- Implemented a fast, SEO-friendly Next.js frontend with smooth navigation and optimized performance across all devices.
- Designed elegant, consistent UI components using TailwindCSS, ensuring a polished look suitable for a real client deployment.

IntelStudy — AI-Powered Study Assistant



Tech Stack: Next.js, Tailwind, FastAPI, HuggingFace Transformers, MongoDB, Firebase

- Built a full-stack study platform enabling students to upload PDFs and generate summaries, flashcards, MCQs, and audio notes using transformer-based NLP models.
- Designed a modern React.js interface with secure authentication and a scalable FastAPI backend for text extraction and AI-driven content generation.
- Implemented cloud storage and user dashboards for persistent study history and multi-device access.

FantasyBoost — Fantasy Football Recommendation Engine



Tech Stack: Next.js, FastAPI, Scikit-learn, Pandas, MongoDB, Firebase

- Designed an AI-powered system that recommends optimal fantasysquads, weekly transfers, and captain picks by analyzing player form, fixture difficulty, injuries, and budget constraints.
- Implemented machine learning models for performance prediction and optimization algorithms for team selection under league rules.
- Built an intuitive frontend with real-time player stats, trend analysis, and personalized suggestions to maximize user fantasy points.

Certifications

Deloitte Australia Technology Job Simulation on Forage - November 2025

- Completed a job simulation involving development and coding
- Wrote a proposal for creating a dashboard