

Itesh Tomar

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Github: <https://github.com/iteshxt>
LinkedIn: <https://www.linkedin.com/in/iteshxt>
Portfolio: <https://iteshxt.me>
LeetCode: <https://leetcode.com/u/iteshxt>

Software Developer with experience in **full-stack development and AI applications**. Skilled in building scalable web platforms, fine-tuning **large language models**, and integrating third-party **APIs**. Strong foundation in **Python, JavaScript, C++, and modern frameworks**, with hands-on deployment of end-to-end projects..

Project/Work Experience

Full Stack Developer (Freelance) — Sutr Clothing | [sutr.store](#) | Remote

JAN 2025 – PRESENT

- Building a full-stack **e-commerce website** using **Next.js, MongoDB, Firebase, Razorpay API, and Ekart API**.
- Implemented **secure payments (Razorpay)** and **logistics tracking (Ekart)**.
- Designed and deployed an **Admin Dashboard** for product, order, and user management.
- Developed responsive and scalable UI with **Next.js and Tailwind CSS**.

Dia Therapist | *Voice-Enabled AI Mental Health Assistant* | [HuggingFace Model](#)

JAN 2025 – PRESENT

- Curated and fine-tuned a **therapy-focused dataset** built from scratch for empathetic conversations.
- Trained a **custom conversational LLM (Qwen 2.5 7B Instruct)** on the dataset to enhance context awareness and response quality.
- Built and deployed a **Flask API and frontend** for seamless real-time chat integration.
- Added **speech-to-text (Whisper)** and **text-to-speech (Kokoro)** to enable a fully voice-enabled mental health assistant.

Dia Moderator | *AI-Powered Content Moderation Platform* | [Website Link](#)

FEB 2025 – MARCH 2025

- Built a **React.js dashboard** for centralized moderation across **Discord, Telegram, and WhatsApp**.
- Implemented **real-time profanity and spam detection** with configurable thresholds.
- Integrated **Google Gemini 2.0 AI** for automated conversation summarization and moderation insights.
- Designed **scalable moderation workflows** to handle multiple platforms through a single interface.

Technical Skills

Languages: Python, C++, JavaScript, TypeScript

Frameworks/Libraries: Next.js, React.js, Node.js, Express.js, Tailwind CSS

AI/ML: HuggingFace Transformers, PyTorch, NLP, Model Fine-Tuning

Databases: MongoDB, Firebase (Auth & Storage), MySQL

Tools/Platforms: Git, Docker, REST APIs, Flask, FastAPI, Railway, Vercel, AWS (basic)

Education

- B.Tech in Computer Science & Engineering**

Lovely Professional University, Punjab | Jul 2023 – Jul 2027

CGPA: 8.48

- Member, **AWS Cloud Club LPU**