

Itesh Singh Tomar

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Aspiring Software Developer and Tech Enthusiast with real-world experience in full-stack development, AI integration, and automation. Highly motivated and passionate about building impactful, user-focused solutions by combining strong problem-solving skills with creativity and curiosity. Known for excellent problem-solving abilities, strong communication skills, and a collaborative spirit. Eager to keep learning and contribute to projects at the intersection of software engineering and artificial intelligence.

Project/Work Experience

APRIL 2025 – PRESENT

Full Stack Developer (Freelance) | sootraclimbing.com | Remote

- Developing a multi-page e-commerce website using React.js, Node.js, MongoDB, and Tailwind CSS.
- Created key pages including Homepage, Shop, Product, Cart, Login, and Signup.
- Focused currently on frontend design and layout with responsive, user-friendly UI with Deployment and backend integration planned in the next phase.

JAN 2025 – APRIL 2025

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

- Designed and developed a voice-based mental health assistant powered by a custom fine-tuned LLM.
- Finetuned **Qwen 2.5 7B Instruct** on a custom therapy-focused dataset to create a context-aware, empathetic conversational model: **dia-convo-v1.2c** on huggingface.
- Built an API for the model using **Flask** and frontend, enabling real-time interaction with the model.

FEB 2025 – MARCH 2025

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

- Built a unified React dashboard to manage moderation across three messaging platforms.
- Implemented content filtering for profanity and spam with configurable thresholds.
- Integrated Google's Gemini 2.0 AI for conversation summary and chat.
- Developed platform-specific authentication systems for Discord, Telegram and WhatsApp.

Skills

• Proficient in **Python, C++, JavaScript, React.js** • Knowledgeable in **Machine Learning, NLP, AI Model Fine-tuning** • Team Collaboration • Excellent problem solving • Strong **Public Speaking** and **Presentation Skills**

Education

JULY 2023 - JULY 2027

Bachelor of Computer Science & Engineering | Lovely Professional University | G.T. Road, Phagwara, Punjab

8.40 CGPA • Member of AWS Cloud Club LPU

Links

• [Github](#) • [LinkedIn](#) • [Portfolio](#) • [LeetCode](#)