Ananya Singh

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LeetCode: https://leetcode.com/u/ananya36/

Education

Jain (Deemed-to-be) University, Bengaluru — Expected Graduation: May 2027
B.Tech in Computer Science- AI — **GPA: 9.5/10**

Experience

AI Voice Agent Developer – Anyra (30-Day Murf AI Challenge) — *August 2025*
https://anyra.onrender.com

- Built Anyra, a bold animated AI voice assistant that entirely works addressing user, with session memory, using AssemblyAI (STT), Gemini (LLM), and Murf AI (TTS) for real-time voice interaction and deployed on Render.
- Developed a FastAPI WebSocket backend and a Tailwind + JS frontend featuring avatar animations and persona-driven responses.
- Dedicated 2–3 hours daily for 30 days, fuelling ideas with consistency and implementing new features.
- Gained strong public reception: 5 GitHub stars and notable attention from multiple LinkedIn pages & professionals.

AI Developer – TranNexa (AI-Powered Multi-L*anguage Translator*) — *March 2025*
https://github.com/ananya2236/TranNexa

- Gold Medallist for TranNexa - awarded at the National Technical Symposium *INNOVERSE 25* (Mohamed Sathak Engineering College).
- Selected for Presentation at the 16th IEEE ICCCNT 2025, marking it as a conference-worthy innovation.
- Developed TranNexa, a real-time bi-directional translator supporting 10+ global languages with <2s processing latency.
- Achieved 95%+ translation accuracy and cut manual translation time by 90% in controlled testing.
- Designed a scalable architecture capable of handling 1,000+ concurrent sessions, enabling reliable multilingual communication for academia and travel.

Skills

- **Programming:** Python, Java, Javascript, HTML, CSS, Tailwind CSS, JavaScript, React.js, Node.js, MySQL, MongoDB
- **Tools**: VS Code, Colab, Git/GitHub
- **UI/UX:** Canva, Figma
- **GenAI & ML:** LLMs, Prompt Engineering, NLP, STT/TTS, RAG, Transformers
- **Concepts:** UI/UX Design, OOP, Computer Networks, DevOps basics
- **Soft Skills:** Problem-solving, communication, time management, adaptability, stakeholder collaboration, continuous learning, cooperative teamwork, creative thinking

Projects

1. Ratna Jewellery – Modern E-Commerce Platform — *https://github.com/ananya2236/Ratna*

- Immersive Shopping: Building a full-stack jewellery e-commerce platform with real-time inventory management, AR-based virtual try-on (planned), and secure payment gateways.
- Optimized for Scale: Designed to serve 1,000+ daily shoppers with personalized recommendations and wish-list features.
- Elegant & Mobile-First UI: Tailored for 90% faster page load and seamless checkout flow on all devices.

2. GlobeVista – Experience Reality on Your Device

- Virtual Tourism Revolution: Crafting an interactive travel platform that lets users explore 15+ iconic destinations via 3D tours, AR/VR support, and interactive maps.
- Pinterest-Grade UI/UX: Built in Figma with micro-animations and ambient soundscapes to extend average session time by 40%+ in prototypes.
- Personalized Recommendations: Integrating Mapbox API and geolocation to offer custom travel itineraries and multilingual guides.

Activities and Achievements

- Gold Medalist – TranNexa: Won 1st Prize for building an award-winning multilingual AI translator; recognized nationally and showcased at leading conferences and innovation platforms.
- Team Innovator – Sathyabama TechnoSummit SDG-IC 2025: Collaborated across departments with civil engineering students to develop a problem-solving solution and represented the team at a major national tech summit.
- Academic Excellence: Maintained a 9.54 CGPA, consistently ranking among top performers through disciplined learning and strong conceptual clarity.