Ansh Yadav

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Education

Vellore Institute of Technology, Chennai Campus **CGPA:** 8.22 / 10.00
Bachelor of Technology in Computer Science, Specialization in AI and ML *2024 – 2028*

Technical Skills

Languages: C++, Python, Java, JavaScript, SQL

Web: React, Node.js, Express, Tailwind CSS, Firebase

AI / ML: PyTorch, scikit-learn, Hugging Face Transformers

Databases and Tools: MongoDB, Cloud Firestore, Git, GitHub, Postman

Projects

Celora – AI Learning Platform | *React, Node.js, Express, MongoDB, Tailwind CSS* Mar. 2026 – Present

- Developing a full-stack, AI-assisted learning platform for students and educators using the MERN stack.
- Implemented secure authentication and established the foundation for user-facing learning workflows with React and Node.js.

Fake News Detection using Hybrid AI | *React, Flask, PyTorch, scikit-learn* Jan. 2026 – Jun. 2026

- Built a React/Tailwind and Flask content-authenticity platform that runs 6 checks in parallel: DistilBERT, TF-IDF/Logistic Regression, 8 linguistic features, Wikipedia, and 4 news APIs.
- Designed input-aware weighted verdicts with an average analysis time of **approximately 5 seconds**; fine-tuned DistilBERT achieved **98% accuracy** and **0.98 F1**, with the 67M-parameter model published on Hugging Face.

JanSahyog | *React, Firebase Authentication, Cloud Firestore, Tailwind CSS* Oct. 2025 – Nov. 2025

- Built and deployed a civic issue-reporting application during VIT Chennai's college-level SIH hackathon, then expanded it with additional features.
- Implemented Firebase Authentication and Cloud Firestore for controlled access, synchronized issue data, and responsive issue-tracking workflows.

Leadership and Achievements

Smart India Hackathon (SIH) Oct. 2025
College-Level Selected Participant *VIT Chennai*

- Developed JanSahyog, a civic issue-reporting solution, as part of VIT Chennai's college-level SIH hackathon.

Entrepreneurship Cell, VIT Chennai Present
Media and Outreach Team Member

- Created promotional content and supported digital outreach for Pitcher's Showdown, Stock Market Simulation, and IPL Battle.

Certifications

- **Career Essentials in Generative AI** – Microsoft & LinkedIn Oct. 2024
- **AI for Everyone: Azure AI Demystified** Oct. 2024
- **Introduction to Artificial Intelligence** Oct. 2024
- **Cloud Computing for Beginners – Infrastructure as a Service** Oct. 2024