

YASHVARDHAN THANVI

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🔗 [LinkedIn](#) | 🌐 [GitHub](#)

PYTHON • AI/ML • BUILDING REAL-WORLD APPLICATIONS

A Tech Enthusiast focused on solving real-world problems through AI and Python. Experienced in building scalable AI applications using Streamlit, Flask, and HuggingFace Transformers. Key projects include BharatVaani (a multilingual AI news engine), MoodMentor (mental health predictor using ML and TTS), and a Gesture-Controlled Media Player leveraging computer vision. Skilled in Python libraries such as Pandas, NumPy, Scikit-learn, and NLP pipelines. Actively seeking AI/ML internship opportunities to deepen applied learning and contribute to impactful solutions.

AREA OF EXPERTISE

- **Languages & Libraries:** Python, Pandas, NumPy, Scikit-learn, OpenCV, Matplotlib, NLTK, TensorFlow, TTS, NLP
- **AI/ML Tools & APIs:** HuggingFace Transformers, OpenAI API, Langchain, Gemini API, NewsAPI, pyttsx3, gTTS, OpenRouter
- **Web & App Development:** Streamlit, Flask, HTML/CSS, Firebase
- **Cloud & Deployment:** Google Cloud Platform (GCP), GitHub

PROFESSIONAL EXPERIENCE

AI/ML & UI/UX Design Intern, Olinp Technologies Pvt. Ltd.

March 2025 - Present

- Participating in AI/ML pipeline tasks including data preprocessing, model training, and output evaluation
- Assisting with Streamlit and Flask-based internal tools under mentorship
- Supporting UI wireframing and prototyping using Figma for ML-integrated interfaces
- Contributing to documentation and basic testing of AI/UX features for pilot apps

Student Coordinator - Institute Innovation Council (IIC)

Sep 2024 - Present

- Led end-to-end coordination for major events including TechSpark Hackathon and IETE Student's Day 2025
- Managed logistics, sponsorships, and participant outreach for 150+ attendees
- Collaborated with faculty and industry experts to organize innovation-driven activities
- Represented the institution in inter-college visits and national-level engagements

PROJECTS

BharatVaani - AI-Powered, Localized News Companion

[GitHub](#)

Addresses the lack of accessible regional news by providing multilingual AI-powered summaries using HuggingFace Transformers. Built with Flask, it features a "What-If" generator, TTS, and dynamic filters for inclusive, interactive news consumption.

AI-Powered Mental Health App (In Development)

Solves the gap in early mental health assessment by offering an anonymous, interactive self-checkup tool built in Streamlit. Uses ML models and TTS to provide supportive feedback with a fully animated, accessible UI.

Gesture-Controlled Media Player

[GitHub](#)

Designed for users with physical limitations or multitasking scenarios, this app enables gesture-based control of media playback using OpenCV and Python. Tracks hand movements to map commands like play, pause, and skip.

AI Cheating Detector

[GitHub](#)

Tackles online exam malpractice by using facial landmark detection and head tracking to flag suspicious behavior. Built with Dlib, OpenCV, and Python for real-time proctoring assistance.

EDUCATIONAL QUALIFICATION

Bachelor of Computer Applications (BCA)

Aug 2024 - Present

Birla Institute of Technology, Mesra - Jaipur Campus

- CGPA: 9.3

12th Grade – Science

2022

St. Xavier's Senior Secondary School, Jaipur

- Grade: A

10th Grade

2020

St. Xavier's Senior Secondary School, Jaipur

- Grade: A+

CERTIFICATIONS & ACHIEVEMENTS

Certifications:

- Python Mega Course – Udemy (Instructor: Ardit Sulce)
- Python Basics – HackerRank
- AWS Solutions Architecture (Advanced) – Forage
- Google Gen AI Cloud Workshop – 15 Badges
- Google Cloud Skill Badges – GenAI, Compute, APIs, Storage & Networking

Achievements:

- Selected for Next Round – Smart India Hackathon 2024
- 1st Prize – Website Design Competition (IETE Student's Day 2025)
- 100% Scholarship – RCAT Quizathon
- Earned 15+ Credly Badges in AI, Cloud & Security domains
- Coordinated major innovation events: InnoFusion, RCAT Visit, and TechSpark Hackathon

EXTRACURRICULAR ACTIVITIES

- **Student Representative** – Google Developers Group (GDG), BIT Jaipur
- **Coordinator** – Institute Innovation Council (IIC)
- **Project Contributor** – BIT Mesra AI Club & Cybernetics Crew (Jan 2025 – July 2025)

HOBBIES & INTERESTS:

- Video Editing (DaVinci Resolve, Filmora)
- Exploring AI Tools and Cloud Technologies
- Cricket (Academy-trained), Badminton
- UI/UX Exploration and Animation Design