



Vansh Dawra

Bachelor of Technology
in Information Technology (IT)
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EDUCATION

Degree	Institute	CGPA / Percentage	Year
B.Tech IT	Indian Institute of Information Technology Una	7.2	2022-Present
Senior Secondary	Tiny Tots Public School	90	2020-2022

EXPERIENCE

- QuickIntell** Mar 2025 - Present
[Letter](#)
Full Stack Developer Intern
 - Engineered a production-scale **RAG** system based prescription digitiser with **LLaMA4-Maverick** and **Pinecone** to process 30,000+ handwritten prescriptions data, boosting data accuracy.
 - Architected a scalable **Medusa.js** backend for a healthcare e-commerce platform, supporting **500,000+** products and **1,000+** concurrent requests.
 - Drove a **15%** increase in user acquisition by developing a **Next.js** virtual staging platform, achieving a **95+** Lighthouse score for SEO and boosting organic traffic by **40%**. available at [offlisting.com](#)
 - Deployed an **Algolia** recommendation system for a **350,000+** product catalog, increasing user engagement and conversion rates by **15%**.
 - Led end-to-end development of a cross-platform **React Native** AI healthcare app with **12+** features like personalised chatbot ,AI medical record analysis agent and Recommendation system , achieving a **99.5%** crash-free rate.

PROJECTS

- Vision Forge** Feb. 2025 - Mar. 2025
[GitHub](#)
A web-based platform that allows users to preview object detection models and generate usable APIs.
Tech Stack: Python, Flask, Next.js, OpenCV, Multithreading
 - Engineered a full-stack web platform that cut YOLO model deployment time by **90%**.
 - Boosted real-time object detection performance by **50%** using OpenCV and multithreading.
 - Architected a feature to auto-generate **5+** REST APIs from YOLO models, saving developers **3+** hours of manual coding per model.
 - Developed an intuitive UI that streamlined model testing workflows, reducing user actions by **60%**.
- Med-Chain (Demo Video) | (Live Site)** Aug. 2024 - Sep. 2024
[GitHub](#)
A web platform connecting patients and hospitals for appointments, second opinions, and AI-based services.
Tech Stack: MERN (MongoDB, Express, React, Node.js), Tesseract.js, Google Gemini API, Stripe
 - Developed a MERN-stack platform for **2** user roles with **10+** features like appointment scheduling and secure payments.
 - Cut report analysis time by **70%** by enabling secure storage and AI-driven insights.
 - Integrated an AI agent that resolved **30+** query types with **92%** accuracy, reducing manual support requests by **25%**.
- Whatsapp Chat Analyser** Jan. 2024 - Feb. 2024
[GitHub](#)
A tool to generate analytics from WhatsApp chats
Tech Stack: Python, Pandas, Matplotlib, Plotly, Regex
 - Developed a Python tool to analyze WhatsApp chat logs (up to **50MB**), extracting **15+** key insights in under **10** seconds.
 - Engineered **5+** data visualizations (e.g., time-series graphs, word clouds) to present complex chat data intuitively.
 - Validated application scalability by processing a large dataset of **22,000+** messages, demonstrating robustness.

TECHNICAL SKILLS

- Programming Languages:** C, C++, JavaScript, Python
- Web Development Stack:** HTML, Tailwind CSS, JavaScript, MongoDB, Node.js, Express.js, React.js, Next.js, PostgreSQL, socket.io (WebSocket)
- AI Concepts :** Large Language Models (LLMs), Retrieval Augmented Generation (RAG), AI Chatflows, AI Agents
- Databases:** MongoDB, PostgreSQL, Pinecone
- Python Tools:** Matplotlib, Regex, Numpy, Ultralytics(YOLO), Flask (backend)
- Tools:** Git & GitHub, Flowise (For AI Flows like langchain), Pinecone

ACHIEVEMENTS

- Led development of an AI-powered health app with **6-member team**,Key features: personalised chatbot , AI product recommender (350K+ items via Algolia), medical report storage with AI analysis using self made prescription digitiser agent May 2025-July 2025
- Participated as a team leader in **HackWar hackathon**,Participated and reached the final round of HackWars hackathon as one of the top 40 teams selected out of 2000+ teams, with a role of team leader 15-16 Sep. 2024
- 3 Star in CodeChef**,and 250+ DSA questions solved on various platforms. [CodeChef](#)