

HARDIK JAIN

Jaipur, India

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Education

Indian Institute of Information Technology, Nagpur

Bachelor of Technology in Electronics and Communication Engineering

December 2020 – May 2024

Nagpur, Maharashtra

Experience

Evy Energy

March 2022 – April 2022

Product and Founders' Office Intern

Remote

- Created a comprehensive Product Requirements Document outlining specifications for the Charging Management System, website, and app development.
- Elevated user experience by introducing cutting-edge AI features within the app.
- Negotiated clients, resulting in 5x increase in retention.

Projects

AI Voice Assistant

November 2023 - Present

- Developed an advanced Voice Assistant capable of initiating and receiving calls on your behalf, utilizing a voice synthesis technology that replicates your own voice.
- Leveraged RVC (Voice Cloning) to fine-tune diverse vocal profiles and seamlessly integrated them into real-time voice conversion, utilizing text input as the source.
- In the future, this system will be enhanced with the integration of real-time background noise removal capabilities.

Samvida | Co-Founder | Visit

August 2023 - Present

- Spearheaded the development of a Contract Farming marketplace, streamlining processes and enhancing transparency for both farmers and companies, thereby eliminating paperwork.
- Introduced the MaxIncome feature, powered by Machine Learning, which accurately predicts the optimal crop yield proportions to maximize income.
- Successfully incubated the project at CIRCOT, Mumbai, during the Pre-Seed Funding stage.

YouTube Video Search Engine | Visit

January 2023

- Engineered a revolutionary search platform enabling users to search for any phrase mentioned in a YouTube Channel, with the capability to start the video at the precise moment.
- Utilized Django and OpenAI's Whisper to enhance the functionality and efficiency of the search engine.

CoWifi | Co-Founder | Visit

May 2021

- Designed the Cowifi app to seamlessly link nearby COVID resource providers with requesters, optimizing connectivity.
- Helped 200+ people to get Blood Plasma, Oxygen cylinders, Ventilators, and Food in the second wave of Covid-19.
- Designed in Flutter, Firebase for backend services, and Cloud Firestore for efficient cloud-based database management.

Scene Text Recognizer

May 2023

- Implemented the CRAFT model to proficiently detect text areas in complex backgrounds. This model excels in identifying text areas by meticulously exploring each character and considering the affinity between characters, distinguishing it from other models.
- Introduced a four-stage STR framework for optical character recognition, resulting in a substantial improvement in text extraction accuracy and efficiency.

Leadership

Entrepreneurship Cell

August 2021 – August 2022

Overall Head

Indian Institute of Information Technology, Nagpur

- Successfully orchestrated a prominent national-level event: E-Summit 2022.
- Led an overall team of 50+ members and raised sponsorship of Rs. 120k in the online mode.
- Participation of students increased by 10x during the tenure.

Additional

• Achievements:

Secured 2nd rank nationwide in Tide Hackathon, IIT Delhi, and was granted Rs. 4 lakhs.
Incubated at ICAR-CIRCOT in the pre-seed stage. Around 5 Lakhs funding upon completion of the cohort.

• Technical Skills:

Python, TensorFlow, Scikit-learn, Flask, Numpy, Pandas, LLMs, ML and DL Specialization.