Ujwal Pathak

ujwal.pathak03@gmail.com | linked.com/ujwal-pathak | https://github.com/ujwal5 |+91 9289239466

Education

NRUPATHUNGA UNIVERSITY,   **Bangalore, India**
Bachelor of Science, Computer Science & Electronics   *June 2021- Aug 2024*

KENDRIYA VIDYALAYA NO.1,   **Bangalore, India**
Higher Secondary Education   *March 2020 - March 2024*

KENDRIYA VIDYALAYA NO.1,   **Bangalore, India**
Secondary Education   *March 2018 - March-2019*

Projects

AI-Transcriber - A real time voice transcriber 05/2024 Transcriber

- **Purpose:** Uses WhisperX library for transcription and speaker diarization on audio files.
- **Class Definition:** Defines a `Transcriber` class.
  - **Methods:**
    - **Transcribe:** Converts audio to text.
    - **Diarize:** Identifies and labels speakers in the audio.
- **Model:** Utilizes the pre-trained `large-v2` model from WhisperX for these tasks.
- **Application Used:-** Google Collab

Weather-App - A real time weather forecast detector 08/2024 Weather

Weather App Overview:

- **Real-Time Weather Updates:** Uses user's location to provide current weather details.
- **Multi-Day Forecast:** Offers a forecast for the upcoming days.
- **User-Friendly Interface:** Designed for easy access and clear display of weather info.
- **Responsive Design:** Optimized for use on desktops, tablets, and mobile devices.
- **Built with HTML, CSS, JavaScript:** Integrates a weather API for accurate data.

Experience

Vmoksha Technologies Private Limited, Developer (Intern) April 2024 - May 2024

- Debugged complex software issues, leading to a more stable product release.
- Continuously updated skills through training courses, workshops, and self-study-staying current on industry trends and emerging technologies.
- Worked closely with clients to gather requirements and translate them into technical specification for implementation.
- Tested programs and databases to identify issues and make necessary modification
- Reduce development time by creating reusable code libraries for future projects.
- Updated old code bases to modern development standards, improving functionality.

Technical Skills

Language : JavaScript, Python, C, R programming

CERTIFICATIONS

> Generative AI Fundamentals
> Python for Machine Learning
> Introduction to Generative AI

> Introduction to Responsible AI
> Introduction to Large Language Models