POOJA V

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🔗 leetcode.com/u/POOJA_VEDASAMY/ in linkedin.com/in/pooja-v-181779284

○ github.com/poojavedasamy

Education

KIT-Kalaignarkarunanidhi Institute of Technology   11/2022 – 05/2026
Bachelor of Technology in Artificial Intelligence and Data Science-8.89
Graduation Year:2026

St. Aloysius Girls Higher Secondary School   07/2020 – 03/2022
Higher Secondary Certificate– 78.33%

Secondary School Certificate-69.8%   06/2019 – 03/2020

Skills

- Python Programming
- C Programming
- SQL

- Git and Github
- Web Development
- Machine Learning

- Operating System
- Data Structures Algorithm(Python)
- Java(Basics)

Projects

Login Form using react
- Developed a **React-based login form** allowing users to enter and store credentials using **local storage**
- Implemented page reload to simulate a basic **login functionality** for demonstration purposes

Text to Slides Generator using AI
- Developed a web application that **automatically converts input text into structured presentation slides** using Google's **Gemini 1.5 Flash** model
- Integrated **FastAPI backend** with a **React + Vite frontend** for real-time slide generation
- Focused on **layout optimization**, **prompt engineering**, and managing **API quota limitations**

Audio To Text Conversion using Deep Learning
- Built an **audio-to-text conversion system** using **Wav2Vec2** deep learning model
- Utilized **Librosa** for audio preprocessing and feature extraction
- Addressed **noise** and **vocabulary limitations** through model **fine-tuning**

Certificates

- Infosys SpringboardTech:Python,AI&ML Foundation,Web Development.

- NPTEL:Data Mining.

- Coursera:Introduction to ML,Introduction to Generative ai,Foundation of Data Science.

- ALTAIR:ML Master,MLProfessional.

Experience

Ether Infotech
Machine Learning Intern.I gained knowledge of fundamental machine learning concepts, enhancing my technical skills and practical
understanding.