JINAL PAWAR

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💼 WORK EXPERIENCE

SOFTWARE DEVELOPER/DATA ANALYST- (Feb 2023 - Nov 2023)
Soko - An Inventory Management App

- Soko provides following features: Sales Dashboard, Create Sales, Add & List orders, Automatic Bill PDF Creation, Return Items, Edit Bills, Update Stock, Store Customer Details, and more.
- Used Django to create models for Backend
- Used PostgreSQL as the database
- Used Django Rest Framework to create REST APIs to be consumed by Frontend (written in React)
- Used Data Analysis principles to design Sales Dashboard in Metabase
- Integrated Metabase dashboard with React to provide FOSS data analytics solution

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STACK - PYTHON, DJANGO, DRF, REACT, POSTGRESQL, METABASE
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🖥 PROJECTS

Connect - Final Year Project (2021 - 2022)

Connect is an app that captures live video of a person speaking in Sign Language, recognizes the signs and transcribes them to text and audio.

- Used Mediapipe's library to create a 42-D database for every alphabet sign in ASL.
- Trained multiple ML models and determined the most suitable model.
- Used Dimensionality reduction techniques to determine best dimension-accuracy combination for each model.
- Created a desktop GUI with 2 modes: Mode 1 captures video and translates signs to text. Mode 2 captures audio and transcribes it.
- Wrote a technical paper detailing methodology and functionality of this project.

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STACK - PYTHON, SCIKIT-LEARN, MATPLOTLIB, MEDIAPIPE, PANDAS, NUMPY
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Bora Track (Feb 2024 - on-going)

Bora Track is a song recommendation system which recommends a song from an artist based on user's selected 5 songs

- Using Spotipy to obtain artist's discography
- Creating a database of artist's all songs and meta features
- Cleaning the data to make it suitable for training
- Train a suitable recommendation algorithm
- Create a webpage interface to take user's inputs and recommend a song

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STACK - PYTHON, SCIKIT-LEARN, SPOTIPY, PANDAS, STREAMLIT
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🎓 EDUCATION

DEGREE EDUCATION

Electronics Engineering   **9.04 GPA**   2022
Vidyalankar Institute of Technology

STANDARD TESTS

GRE   **319/340**   9 JULY 2021
TOEFL IBT   **104/120**   20 MAR 2022

PREVIOUS EDUCATION

Higher Secondary Education (HSC)   **87%**   2018
St. Rocks Junior College

Secondary School Certificate (SSC)   **91.60%**   2016
Mother Teresa English School

⚙️ SKILLS

TECHNICAL

Languages	Python, C++, C, HTML, Java
Framework	Django, DRF, Flask, FastAPI, Tkinter
Database	MySQL, PostgreSQL
Source Control	Git
Domains	Machine Learning, Data Science
Data analysis	Power BI, Tableau, Metabase

GENERAL

Mother tongue	Marathi
Languages	English, Hindi, Gujarati
Interpersonal	Clear communication, Teamwork, Leadership
Organizational	Research & Planning, Documentation, Parallel project handling

💡 EXTRA CURRICULAR

CORE MEMBER OF LITERARY COUNCIL (2019-20)
- Researched and planned events for Inter-College fest and inter-departmental weekly events
- Executed a number of events such as inter-college debates, Writers' meet & greet, etc from scratch

FREELANCER VIDEO EDITOR - 🔗*kutt.it/jinal-ve-portfolio*
- Edited videos from raw footage for Youtube Channel (Renourish with Manisha)
- Conceptualised, Storyboarded and created Ads/description videos for Marketing Agency (Ebizon NetInfo)
- Edited full-length Wedding Film from 13 hours of raw footage

VIDEO EDITOR (JAN 2023)
- Edited Interview videos for Medicaltourismco.com & Dentavacation.com