

# JINAL PAWAR

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👉 [PORTFOLIO](#)



## 💻 WORK EXPERIENCE

### DATA ANALYST INTERN - (May 2024 - Ongoing)

Working as a Data Analyst for Commercial Excellence team on Sales Data. Responsibilities include:

- Data Process Automation for regular deliverables using Python, Pandas, Numpy, etc.
- Developing Dashboards on Power BI for generating thorough insights on sales data
- Cleaning, Preprocessing and Organizing Data for Power BI
- Providing Data Analysis and summaries of Sales data using Python
- EDA of current databases to observe trends, incorrect or missing information

**Stack - Python, Pandas, Numpy, Power BI, Matplotlib, Advanced Excel**

### SOFTWARE DEVELOPER/DATA ANALYST- (Feb 2023 - Nov 2023)

🔗 [Demo](#)

#### 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, 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

**STACK - PYTHON, DJANGO, DRF, REACT, POSTGRESQL, METABASE**

## 💻 PROJECTS

### Connect - Final Year Project (2021 - 2022)

🔗 [Paper](#)

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.
- Wrote a technical paper detailing methodology and functionality of this project.

**STACK - PYTHON, SCIKIT-LEARN, MATPLOTLIB, MEDIAPIPE, PANDAS, NUMPY**

### 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

- Creating a database of artist's all songs and meta features using Spotipy
- 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

**STACK - PYTHON, SCIKIT-LEARN, SPOTIPY, PANDAS, STREAMLIT**

## EDUCATION

### DEGREE EDUCATION

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

### PREVIOUS EDUCATION

Higher Secondary Education (HSC) **87%** 2018  
St. Rocks Junior College  
Secondary School Certificate (SSC) **91.60%** 2016  
Mother Teresa English School

### STANDARD TESTS

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

## 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

## COURSE

### IBM WHAT IS DATA SCIENCE?

 [Certificate](#)

- Learned about standard expectations and practices in the industry
- Studied about Data types, structures, literacy and applications

### SUPERVISED MACHINE LEARNING: REGRESSION AND CLASSIFICATION

 [Certificate](#)

- Learned the mathematics and intuition behind Linear Regression and Logistic Regression
- Studied about Cost function, overfitting issue, regularization

## 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

 [Portfolio](#)

- Edited videos from raw footage for Youtube Channel (Renourish with Manisha)
- Conceptualised, Storyboarded and created Ads/description videos for Marketing Agency.
- Edited full-length Wedding Film from 13 hours of raw footage

### VIDEO EDITOR (JAN 2023)

- Edited Interview videos for Medicaltourismco.com & Dentavacation.com