

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:

- Cleaning, Preprocessing and Organizing Data for Power Bi
- Dashboard Creation and Maintenance
- Data Process Automation for regular deliverables using Python, Pandas, Numpy, etc.
- EDA of current databases to observe trends, incorrect or missing information
- Cleaning Current Databases

Stack - Python, Pandas, Numpy, Power BI, Matplotlib

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