SAURABH ZINGADE

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Objective:

An aspiring student who loves to work with a lot of data! My aim is to secure a position in an organization which will enhance my skills and utilize them up to its potential and help them to grow as well. My career should also help me to grow professionally as well as personally.

Education:

NAME OF INSTITUTION	UNIVERSITY	EXAMINATION	YEAR OF PASSING	PERCENTAGE
IMPERIAL COLLEGE OF ENGINNERING AND RESEARCH	SAVITRIBAI PHULE PUNE UNIVERSITY	ENGINEERING	PURSUING	AGGREGATE: 76
NOWROSJEE WADIA COLLEGE	MAHARASHTRA STATE BOARD	HSC	2016	69.85
STELLA MARIS HIGH SCHOOL	MAHARASHTRA STATE BOARD	SSC	2014	92.80

Skills:

Technologies	Tools	Behavioral
Data Science and Analysis	Python	Leadership
Machine Learning	C++	Management
Deep Learning	SQL	Team oriented

Experience:

- **PiSyst India Pvt. Ltd. (January 2020 – March 2020)**
  - Worked as a Data Scientist.
  - I completed 3 live projects during this span including using Machine Learning and Deep Learning. I also taught python3 during this span to a lot of students.
  - Got the experience about how to interact with clients as well as manage a team.
- **Prank-I systems(November 2018 – August 2019)**
  - I learnt basic functions of the android studio as well as web development including some PHP concepts for the backend.

Achievements:

- Reached **Grand finale** of **Smart India Hackathon** 2018 at GNIT, Kolkata.
- Experience to work on **Google Cloud Platform** using **Qwiklabs**.
- Certification in **Python** by **NPTEL**.
- Certification in **Machine Learning** by **NPTEL**.
- Reached **Top 150 teams** in **TCS ENGINX 2019**.
- Completed **Zensar ESD** program By ZENSAR.

Projects:

- **Vendor Raw Material Prediction**: This is a project done using decision trees which will help the vendor to get a prediction of how many raw materials are required by a restaurant during a given week. This will help the vendor to reduce the wastage of the raw materials.
- **AIDER:** This is a disaster management that a group of 6 people including me developed for the Smart India Hackathon 2018. This app can be used at the time of disaster to send distress signals to the contacts on your mobile phone with the exact co-ordinates. Along with this the app also has safety measures that should be conducted during a natural disaster.
- **Classification of the road condition**. This is the project developed for my final year project. The condition of the road is analyzed using Accelerometer and gyroscope that is installed on the bike. The data is sent to the raspberry pi module which sends the collected data to the cloud which classification ML algorithms particularly SVM will be applied to get the road condition and determine if it is good or bad on a scale of 1 to 5.
- **Voice Gender Determination and Sentiment Analysis**: A voice is given as an input and the gender of the person is determined and also the sentiment analysis is given from what the person speaks based on values. It can be negative, positive or neutral. Librosa library was used to determine this.
- **MIR Harmonium Chord determination:** In this the chord or a note of a harmonium was determined. The CQT (Constant-Q transform) was plotted for each of the notes and chords .and then using Convolutional neural networks the model was finally trained. After that the audio of the harmonium was provided and the prediction of the note or the chord was made. **COVID-19 contacting probability** :The probability of you getting exposed to COVID-19 was calculated in this project based on the sate you live, whether there are patients in your city, do you have a travel history and so on. You get a number indicating the percentage of probability of getting exposed to the virus. It also calculated the chances of you acting as a carrier for the virus.
- **COVID-19 Number prediction**: In this the number of patients that India will record could be found out. As we know the growth of the number of Covid-19 is exponential the model that i created was using Polynomial regression with a degree of 4.