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## CAREER OBJECTIVE

To obtain a position in a dynamic environment where I can utilise my skills, learn new things, and contribute to the growth of the organisation.

## ACADEMIC BACKGROUND

YEAR	QUALIFICATION/ DEGREE	BOARD/ UNIVERSITY	PERCENTAGE/ GPA
2020-2024	B.Tech(Hons) CSE in AIML	UPES	8.1 GPA
2019-2020	Class XII	ISC	78%
2017-2018	Class X	ICSE	78.8%

<b>Subject Electives</b>	<b>Major:</b> Artificial Intelligence and Machine Learning <b>Minor:</b> Internet of Things (IOT) <b>Exploratory:</b> School of Business
<b>Technical Proficiency/Skills</b>	<b>Programming Languages:</b> C++, Python, SQL <b>Other Skills:</b> OOPS, Deep Learning, Machine Learning, NLP, CNN, Neural Network <b>Tools and Software:</b> MS-Office, Oracle VM Virtual Box, VS Studio, Anaconda <b>Soft Skills:</b> Problem solving, Active listening, Adaptability, Communication, Analytical Skills <b>Operating Systems:</b> Windows, MAC OS, Android, IOS

## SUMMER INTERNSHIP/WORK EXPERIENCE

### **HABITAT FOR HUMANITY (Duration: 2 Months)**

- It is a research internship in which I assisted in raising funds through community events and outreach efforts, supporting the organisation's vital projects.
- Analysed data related to housing affordability, construction materials, and sustainable building practices to inform decision-making and improve project efficiency.

### **IBM (Duration: 3 Months)**

- Developed a high-accuracy diabetes prediction model using advanced machine learning techniques.
- Achieved 94% accuracy rate on comprehensive medical history dataset.
- Conducted rigorous data preprocessing, feature engineering, and model tuning
- Demonstrated strong analytical and modelling skills in practical applications.

## PROJECTS (MAJOR/MINOR)

### **Project 1: Detection of Covid-19 through Lungs Ultrasound Images.**

- Implementing using transformer vision and CNN model.
- Comparing the result of the image transformer model to CNN model. We are comparing the model to check out which model is performing better and how much better it is performing.

### **Project 2: Voice of emotions for Improved Speech Analysis.**

- Implemented by using the CNN and RNN model.
- Compare the accuracy of the CNN and RNN models on the dataset to determine which model performs better.
- The SVM will use the predictions of the CNN and RNN models as inputs to make a final prediction on the emotion of each sample.

### **Project 3: Stock Price Prediction using NLP based on Historical Data and News Headlines.**

- Implemented by using the concept of NLP. Back of words and TF-Idf
- Predict the stock price based on new text data.

### **Project 4: Develop a machine learning model to predict the risk of diabetes based on medical history and lifestyle factors.**

- Implementing the model by using random forest and Gaussian Naive Bayes.
- Will evaluate and compare the performance of different models using various metrics, such as accuracy and precision. recall. fl-score, and ROC curve.

## ACCOMPLISHMENT AND RECOGNITION

- Mentorship at the Techfuse 1.0 event, organised by the Microsoft Technical Community.
- Custom Prediction Routine on Google AI Platform.