

KARAN MEHRA

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Objective

A Data Science and Web Development Practitioner who loves to uncover the hidden facts and meaningful insights from messy data. "Time is the gift that most of us take for granted". Love to keep myself busy in gaining new skills and doing freelancing projects on the weekends. Working towards a role where can engage with a group of like-minded people who dream to bring revolution in the world with data. My aim is to obtain an entry-level position at a respected organization and utilize the educational qualifications I've obtained at Lovely Professional University.

Experience

- **LearnCodeOnline** June 2020 - Sept 2020
MERN Stack Developer intern
 - Created a full stack store application from scratch using MongoDB, Express.js, React.js, Node.js.
- **The Sparks Foundation** Dec 2020 - Jan 2021
Data scientist intern
The Sparks Foundation Internship 2020
 - Predicted using supervised/unsupervised learning models
 - Created a decision tree classifier, purpose is if we feed any new data to this classifier, it would be able to predict the right class accordingly.
 - Created a hybrid model for stock price/performance prediction using numerical analysis of historical stock prices, and sentimental analysis of news headlines. Stock to analyse and predict - SENSEX (S&P BSE SENSEX)
- **KPMG** Feb 2021 - March 2021
Data analyst intern
KPMG Virtual Internship 2021
 - Developing a dashboard summarising the data with exploratory data analysis, model deployment and interpretation.
 - Data Quality Assessment, Data Insights, Presentation.

Education

- **Lovely Professional University** 2018-2021
BCA

Skills

- Data analysis using Python and PowerBI
- MySQL server
- Front-End web development using Bootstrap
- Data visualization using Qlikview, PowerBI and Excel
- Project / Model deployment using Heroku, Flask, Github

Projects

- **Capstone Machine Learning project**
 - A project which deals with the health sector predicting 7 diseases on an early basis.
 - Technical Aspects: Train the dataset using various Machine Learning techniques integrated it with Front-End using bootstrap and streamlit librarie and deploying it using flask, github and heroku. Key Responsibilities: Data gathering from kaggle, Data cleaning,
 - Exploratory data analysis, Pre-processing, Model selection, Bootstrap layout, Integrating model with front-end, Deployment.

- **Bootstrap Project**

- The purpose of the project is to showcase as much as libraries and classes of bootstrap in web pages.
- Technical Aspects: Using HTML5, CSS3, Bootstrap3/4, created static front end consists of 6 responsive web pages including .gif, .png, .jpg, .mp4 files.
- Key Responsibilities: Gathering global libraries, Deployment

Achievements & Awards

- Certified Python for data science from Kaggle 2021
- KPMG virtual internship acknowledgement as analyst 2021
- The Sparks foundation virtual internship acknowledgement as data scientist 2021
- Community development analysis project acknowledgement 2019

Language

- English
- Hindi
- Punjabi

Soft Skills

- Collaborate with a team of 4 to survey and analysis the education system in rural areas nearby LPU campus
- Communicate with the doctors and faculty members, updating them about the integration of UI/UX with machine learning
- Lead a team of 4, guiding them towards the development phase for the machine learning capstone project

Personal Vitae

- Date of Birth: Oct 28, 1997
- Nationality: Indian
- Gender: Male
- Permanent Address: Jalandhar, Punjab