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| **MD FAIZ**  Experience in executing full life-cycle development projects; ramping up projects within time, budget & quality parameters, as per project management & best practice guidelines, targeting assignments in **Data Science, Machine Learning and Deep Learning** with an organization of high repute | | |
| +**91-9971703303**  **mdfaiz9073@gmail.com** | | |
| knowledge24x24icons Profile Summary   * **Achievement-driven professional** with an experience of **nearly 5.8 years** * Experience in architecting **Artificial Intelligence** applications **with Machine Learning, Deep Learning with Python. Deep Learning Techniques includes ANN, CNN, and RNN with LSTM.** * Skilled in libraries such as **Keras, Tensorflow , Sklearn, Numpy, Pandas, Matplotlib,Seaborn, Tableau for Data Visualization** * Knowledge of working with **SQL databases like MySQL and SQL Server.** * Rich experience in all phases of the **software development life-cycle such as agile process** (requirements, design, development, testing, release, support), utilizing multiple development methodologies. * Expertise in manipulating and analyzing complex, high-volume, high-dimensionality data from varying data sources and big data sources. | | |
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| core24x24icons Core Competencies   |  |  | | --- | --- | | **Data Science** | 125 Five Star Rating Drawing Illustrations & Clip Art - iStock | | **Machine Learning** | 125 Five Star Rating Drawing Illustrations & Clip Art - iStock | | **Artificial Neural Networks** | https://t3.ftcdn.net/jpg/03/22/73/02/240_F_322730229_d3WmzXvTumDznXMxpz0ePEnmCvuuJrXm.jpg | | **Convolutional Neural Networks** | 1,644 BEST 4 Star Rating IMAGES, STOCK PHOTOS & VECTORS | Adobe Stock | | **Predictive Modelling** | 125 Five Star Rating Drawing Illustrations & Clip Art - iStock | | **Computer Vision & Image Processing** | Digging For The Truth Angkor Wat 3 Stars - 4.8 Star Rating, Cliparts &  Cartoons - Jing.fm | | **Quantitative Analysis** | 125 Five Star Rating Drawing Illustrations & Clip Art - iStock | | **Training & Development** | 125 Five Star Rating Drawing Illustrations & Clip Art - iStock | | **Deep Learning** | https://t3.ftcdn.net/jpg/03/22/73/02/240_F_322730229_d3WmzXvTumDznXMxpz0ePEnmCvuuJrXm.jpg | |  | career24x24icons Career Timeline  **Decision Scientist,**  **Civicon Technologies Pvt Limited**  **OCT’17- JUNE’19**  **Apr’14 – Dec’17**  **OCT’15 – SEP’17**  **Storage Admin,**  **Civicon Technologies Pvt Limited**  **JULY’19 – Till date**  **Data Scientist,**  **TataPower-Delhi Distribution Limited** |
| * Work Experience   **Data Scientist, Tata Power-Delhi distribution Limited July 2019 - Till Date**  **Key Result Areas:**   * Working closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture and data analysis. * Participating in Data Preprocessing Techniques in order to make data useful for creating Machine Learning Models. * Building various regression and classification algorithms by using various Sklearn libraries such as Linear Regression, Decision Trees, Ensemble techniques ,Random Forest , XGBoost, and CatBoost * Providing internal corporate training within the company for Data Science, ML and Deep Learning. * Designing the neural networks using Tensorflow for various internal projects within the company using techniques of NLP, LSTM   **Highlights:**   * Executed some internal projects as Data Analyst with using tools such as Tableau for Data Visualization * Recognized by managers, colleagues, and peers for innovation, communication, and teamwork to ensure quality, timely project completion. * **Employee of the month** given within 6 month of joining the company and **Shabash Award** for solely executing the project   **Major Projects Undertaken**  **Project: Payment Defaulter Prediction**.    **Project Aim: Determining the target consumer who is likely to default so that proper recovery**  **Management Group can be activated for timely recovery**    **Technology:** Machine Learning, Python, Sklearn, Artificial Intelligence, ensemble method Tableau for Data Visualization.  **Pipelines Created**:   * + - * Data Collection       * Feature Engineering       * Feature Selection       * Model Creation       * Model Hyperparameter Tuning       * Model Retraining Approach   **Projects Goals: This led to increase in revenue by 900K INR.**  **Saved the Company Expenditure by 10 % than the previous.**  **Project: Cash Flow Projection**  **Project Aim: Forecasting the cash flow to the company according to the Demand Generated 15**  **days ahead**  **Technique:** Time series to Supervised learning technique was used for making the forecast.**XGBoost**  **Algorithm** was used for prediction.  **Procedure:** Different variables such as Demand generation, 5 days previous and ahead demand  data were synthesized from tableau after visualization, And other variables such as  weather data, trends, seasonality were considered for making a robust model.  **Project Goal: Proper revenue management and adjusting the CAGR according to the need of the**  **hour. This was required in order to plan future investment and for proper fiscal**  **management**    **Project name: Call Prediction for call centers**  **Project aim: Forecasting 1 month ahead calls landing at call centers.**  **Technique:** Supervised learning with **Random Forest** hypertuning was used to fulfill the purpose.  **Procedure:** Data collection and collating the data according to the requirement. Data collected from  Hive and Hadoop System and other sources. Model was trained on previous 4 years  of data and forecasting for 1 month was done with the help of Random Forest.  Grid Search was used in order to find the optimal parameters.  **Project Goal: This forecasting done on statistical and machine learning technique gave wonderful**  **result for optimizing man-power planning .This helped save the company previous**  **revenue which otherwise go wasted as proper man-power planning was not**  **achieved earlier.**  **Project: Social network Sentiment analysis**  **Project aim: To determine overall customer satisfaction**  **Techniques:** Machine Learning ,Sklearn, NLTK , Stemming,Tokenization,POS,Building BOW,  Lemmatization.    **Procedure:** 1. Text mining  2. Cleaning  3.TF-IDF  4. Word Negation Tracking  5. Word Cloud  **Project Goal**: To determine the overall sentiment about the services provided by the company and  Decide how to improve service based on real-time analysis  Sentiment was divided into 3 categories i.e. Positive, Neutral and Negative  **Other projects: Speech Emotion Recognition(SER),Solar buyer segmentation, Demand Forecasting**  **Decision Scientist**, **Civicon Technologies Pvt Limited**. **October, 2017- June,2019**  **Propensity model:**   * Involved in making customer’s propensity towards a product and building and involved in **pre modeling, thorough analysis and exploration of the data** in order to derive the insights and hidden facts * Used **Predictive modelling** to increase and optimize customer experiences and determine the customer behavior using **Random Forest** and **Logistic Regression**   **Customer Satisfaction driver analysis:**   * Helped client improve CSAT by 3 points by identifying drivers of the customer satisfaction leading to significant revenue generation   **Storage Administrator, Civicon Technologies Pvt Limited**. **October,2015 - September,2017**  Administrating storage infra on VNX 7500/5700 storage boxes   * Brocade zoning and switch administration * Resolving the Lun visibility issues in different operating systems * Firmware upgrades & code upgrades activities on the Storage arrays     edu24x24icons Education   * **B.Tech. (Information Technology)** from Global Institute of Engineering and Technology, JNT University, Hyderabad   Technical Skills  **Programming Languages**: Python, Machine Learning, Artificial Intelligence, Deep Neural Networks, Convolutional Neural Network, Sklearn Libraries  **Databases:** SQL Server 2012, MySQL,  **Platforms and Misc.:** Anaconda, Jupyter Notebook, Spyder IDE, Windows 10.  Personal Details  **Date of Birth: 07th February,1990**  **Languages Known:** Hindi , English , Urdu | | |
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