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| **Manjiri Mudvedkar Mathapati**  **Data** **scientist** Junior leveraging Statistical Modeling, Data Processing, Data Mining, Machine Learning and deep learning algorithms to solve challenging business problems on time series, computer vision and Natural language processing.  Location Preference: **Bengaluru and Overseas** |
| +91-8073725996  manjirimudvedkar@gmail.com |
| Profile Summary   * Fresher as Data Scientist Machine Learning and Deep Learning Developer and 5+ years of experience in Electrical Estimation and Design Engineer * Experience in creating Artificial Intelligence applications with Machine Learning, Deep Learning with Python. * Machine Learning Techniques like Linear Regression, Logistic Regression, Random forest, AdaBoost, XgBoost. * Knowledge on Deep Learning Techniques includes ANN, CNN, RNN, Advanced CNN and Advanced RNN with LSTM. * Skilled in libraries such as Sklearn, NumPy, Pandas, Matplotlib, Tableau for Data Visualization * Knowledge of working with NoSQL databases like Mongo dB and SQL databases like MySQL and SQL Server. * Knowledge working on Deployment of Models using Dockers and Kubernetes In AWS cloud, Google cloud and Azure. * Expertise in manipulating and analyzing complex, high-volume, high-dimensionality data from varying data sources and big data sources |
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| Technical Skills:   |  |  | | --- | --- | | language | Python, SQL, R | | Machine Learning Algorithm | Linear & Logistic Regression, SVM, Decision Tree, Random Forest, Time Series classification, anomaly detection, KNN, Naïve Bayes | | Deep Learning Algorithm | ANN, CNN, RNN with LSTM | | Framework | Jupyter Notebook, Spyder, PyCharm, TensorFlow | | Library | NumPy, Pandas, matplotlib, seaborn, Sklearn | | Database and Operating Systems | SQLite Database, Windows, Ubuntu 16.04 | | Statistical Concepts | Gaussian Distribution, covariance, Pearson Correlation Coefficient, Descriptive Stats, Inferential Stats, Hypothesis Testing, Distribution | | Data Visualization | Tableau, PowerBI |   **Roles and Responsibilties**   * Frame the problem * Collect the raw data needed to solve the problem * Process the data * Explore the data * Perform in-depth analysis(Machine Learning,Statistical models,algorithms). * Communicate results of the analysis.   Educational Qualification: B.E (EEE) from VTU University.  Certifications:   * Certified by Ineuron as Machine Learning. * Certified by Ineuron as Tableau and PowerBI.   **Project Details:**  Project #1:  Project Name : Vehicle Dataset from car dekho  Client: car dekho  Duration: Almost 1year  Description: This dataset contains information about used cars listed on [www.cardekho.com](http://www.cardekho.com/) This data can be used for a lot of purposes such as price prediction to exemplify the use of linear regression in Machine Learning. The columns in the given dataset are as follows:   1. Name, year, selling\_price, km\_driven, fuel, seller\_type, transmission, Owner   Responsibilities:  Role: Data Scientist   * Load the csv data. * Check missing values * Drop columns which are not necessary for processing. * Using seaborn library visualize the data. * Create independent and dependent variables. * Feature importance using Sklearn library. * Plot graph of feature importance for better visualization. * For hyperparameter tuning use RandomizedSearchCV. * Using matplotlib library shows prediction. * Import pickle * Deployment model to Heroku. * Data visualization using tableau.   Project #2:  Project Name : Credit Card Fraud Detection  Client: Feather Forecast  Duration: Almost 1year  Description: The client will send data in multiple sets of files in batches at a given location. The data has been extracted from the census bureau.  The data contains 32561 instances with the following attributes:  Features:   1. LIMIT\_BAL: continuous. It denotes the age of the person. 2. SEX: Categorical: 1 = male; 2 = female 3. EDUCATION: Categorical: 1 = graduate school; 2 = university; 3 = high school; 4 = others 4. MARRIAGE: 1 = married; 2 = single; 3 = others 5. AGE-num: continuous. 6. PAY\_0 to PAY\_6: History of past payment. We tracked the past monthly payment records (from April to September, 2005) 7. BILL\_AMT1 to BILL\_AMT6: Amount of bill statements. 8. PAY\_AMT1 to PAY\_AMT6: Amount of previous payments.   Target Label:  Whether a person shall default in the credit card payment or not.  9.default payment next month: Yes = 1, No = 0.  Apart from training files, we also require a "schema" file from the client, which contains all the relevant information about the training files such as:  Name of the files, Length of Date value in FileName, Length of Time value in FileName, Number of Columns, Name of the Columns, and their datatype.    Responsibilities:  Role: Data Scientist   * Data Validation * Data Transformation * Data Insertion in Database * Model training * Prediction Data Description * Deployment model to cloud |
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| **Work Experience at Rcube Electric Pvt Ltd: 1.5years as Estimation & Design Engineer**  **Job Description**   * Handle responsibilities of estimating the costs of production as well as defining the profitability objectives * Responsible for preparing, presenting and explaining the cost estimations to sales coordinator. * Perform the tasks of retrieving purchasing and logistics input data and integrate the data into the cost estimation program * Gather information's on assumptions for all production processes from the manufacturing engineering department * Responsible for updating cost estimation results to the project Controller to assure integration of the results into the Business Plan. * Designing as per the requirement specified by the client for VFD panels.   **Work Experience at Elins Switchboards Pvt Ltd: 1.5years as Estimation Engineer**   * Study/Review of tender documents, scope of work, drawings, BOQ, specifications, client’s requirement and etc. from the tender documents for proper estimating works. * Preparing technical queries for ambiguities in drawings, specifications and BOQ. * Co-ordination with quantity surveyors and material take off when required. * Prioritize RFQ’s that require more time to get quotation and major cost items. * Prepare & send RFQ for all the items to all the approved/ approved equal suppliers/ sub-contractor to obtain required quotations. * Follow up with the supplier/sub-contractor to obtain quotation in time, clarify to all their queries and meetings with the supplier/ sub-contractor when required. * Technical Evaluation of supplier/sub-contractor quotations as per tender requirements. * Preparing tender adjustment schedule with unit prices, when applicable. * Preparing price analysis, proposed vendor list, data sheet and qualifications as applicable. * Prepare value engineering, when required/ permitted. * Attend meetings, trainings as scheduled or organized by management. * Responsible for implementing and maintaining the Quality management system for Estimation work.   **Work Experience at Sarman Engineering Pvt Ltd: 8months as Trainee Engineer**   * MFM, MDM meter testing * Panel testing * Soldering IC chip present in MFM and MDM meter |

**PERSONAL DETAILS:**

Date of Birth: 19-04-1988

Languages known: English, Kannada, Hindi, Marathi

Nationality: Indian

Address: Bangalore

(Manjiri)