**Rama Prasanna Regula**

**Machine learning Engineer – Infor Coleman**

**E-mail –** **Prasanna.regula@gmail.com****, Mobile Number - 9492788574**

**PROFILE SUMMARY:**

* Having 3 years of experience in INFOR COLEMAN AI platform.
* Predicting sales prices at the time of entering an order in ERP Model.
* Taking Data from INFOR LN (ERP) and recognizing the important features and doing all preprocessing steps.
* Posting cleaned data to common data lake to make available for model analysis.
* Modelling on the preprocessed data and evaluating the performance of Models.
* Good knowledge on Machine Learning Models (Regression, Clustering, SVM, KNN, NB, Decision tree, Random forest) and predictive analytics, predictive modelling.
* Experience with Data Science full product life cycle manipulating/transforming data, model selection, model training, cross-validation and deployment at scale.
* Developing Self Learning Chatbots, using NLP libraries.
* Have experience on Linux, Unix, Zorin environment
* Skilled in Linux, MySQL, Python (Pandas, NumPy, sci-kit) and Machine Learning concepts.

**SKILL SET IN MACHINE LEARNING:**

* Experience with Data Science full product life cycle manipulating/transforming data, model selection, model training, cross-validation and deployment at scale.
* Developing Self Learning Chatbots, using NLP libraries.
* Web scrapping, Data scrapping from sources and finding insights in the unstructured data.
* Data Analysis using Exploratory data analysis (EDA) techniques:(2d ,3d scatter plots, Histograms, probability density functions, cumulative density functions, box, violin, whiskers plots)
* Data reduction techniques: PCA, T-SNE
* Supervised Classifications: KNN, Naive Bayes, Support Vector Machines, Decision trees.
* Un supervised Classifications: k -means, DBSACN
* Image Detection algorithms using OpenCV.
* Object detection in video frames using deep learning algorithms.
* Deep Learning – RNN, Deep RNN, BI Directional RNN LSTM, GRU
* Deployment of models for real time using **AWS.**
* Fluent in using Keras, TensorFlow Neural Network Libraries.

**Skill Set:**

* Programming skills:
	+ - C, C++, Core java, Advanced Java, Jdbc, python.
* Python Libraries:
	+ - Pandas, NumPy, Matplotlib, Sci-Kit.
* Operating systems:
	+ - Linux, Unix, Windows, Zorin
* Data Structures:
	+ - Arrays, Linked lists, Double linked lists, circular linked lists, Trees, Graphs, hash tables.
* RDBMS: MySQL, SQL Server, Oracle

**Employer**: Infor India Private Ltd

**Company Profile:** A product-based company which delivers industry-specific products.

**Product: Infor Coleman**

* Working as ‘*Software Engineer’* from June-2017 to till date.

**PROJECTS UNDERTAKEN: -**

**Projects:**

**Project 1: Predicting Breakdowns in infrastructure**

Description: Main objective of this is to identify what asset or device most likely to trigger an alarm and needs corrective action.

**Data:**

* Historical readings of alarms, List of devices or assets in the technical infrastructure and their layouts.
* Past Work Orders indicating Preventive or corrective maintenance.

**Analysis:**

* Historical alarm information from assets along with their work order details will help uncovering underlaying correlation and patterns of when alarms maybe triggered.

**Output:**

* Identify early signs of breakdown and trends in the number/frequency of alarms.
* Uncover patterns and sequences and dependencies amongst surrounding or connected equipment.

**ACADEMICS:**

|  |  |  |  |
| --- | --- | --- | --- |
| Exam Passed |  Year of Passing | % Secured | Name of Board / University |
| B. Tech (Computer Science Engineering) | April –2017 | 93.5 | V.R. Siddhartha Engineering College, AP |
| 12th (M.P.C) | March – 2013 | 96 | Board of Intermediate Education, A.P |
| 10th (S.S.C) | March – 2011 | 91.03 | Board of Secondary Education, A.P |

**AWARDS/HONORS: -**

* ‘*Women of the match’* Award, Infor Care Cricket League, December-2017.
* ‘*Badminton Doubles Winner’* Award, Infor Care Badminton League, December-2018.
* ‘*Chess Champion-Traditional*’ Award, Infor Chess Championship, June-2017 & 2018.

**EXTRACURRICULAR ACTIVITIES:**

* A Core Member of the Infor Care Team in the office, which indulges in organizing fun filled events, games, CSR activities every month for the employees.
* Active Participation in many events organized by the HR team in the office.

**PERSONAL PARTICULARS:**

Name : Rama Prasanna Regula

Mobile Number : 9492788574

Date of Birth : 22nd August 1996

Sex (Marital Status) : Female (Single)

Languages Known : English, Telugu and Hindi.

Hobbies : Sports, Movies.

Nationality : Indian

**SELF ANALYSIS:**

* Good analysis skill.
* Hard Working.
* Good Leadership Quality.
* Working in both Team & My Own Initiative.
* Social Networking.
* Ability & willingness to quickly grasp modern technologies and concepts.
* Deadline Oriented.
* Believes in Quality Work.