

Suresh kumar nelluri

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EXPERIENCE

PLANT ENGINEER - INTERNATIONAL PAPER

I am bringing more than 2.5 years of experience as a programmer in programmable logic controllers of Siemens pcs 7 and ABB in Paper **manufacturing Industry**.

Oct 2016-July 2019 @Rajahmundry,India

- ➤ Project 1 : Rj5 Machine Drives Modification
Project 2 : 11 Kv Double Bus Bar System Erection.
- Project 3 : Rj5 Rewinder Retrofit And Plc Modification
- ➤ Project 4 : Rj3 Machine Drives Modification
- Project 5 : White Belt Project On Paper Machine Downtime Reduction By 30%.
- Project 6 : Green Belt Project On Power Consumption Reduction Of 0.5 Mw
- Worked closely with the plc programmers on projects specific to new plc installations
- Worked on SIEMENS drives s -120 installation and ABB drives installation of acs 880

ACHIEVEMENTS

- Received a certificate in Natural Language Processing in udemy
- Received a certificate in R programming in Udemy
- Received a certificate of appreciation for excellence in plc upgradation
- Received certificate of appreciation on successful completion of white belt project

PERSONAL SKILLS

- Having Leadership Qualities.
- Ability to work under pressure.
- Ability to work in Group
- Business level speaking , writing

EDUCATION

MBA(INTELLIGENT DATA SCIENCE) – 8.44 CGPA

NIIT UNIVERSITY, RAJASTHAN
July 2019- PRESENT

B.Tech. (EEE) - 8.89 CGPA

Velagapudi Ramakrishna Siddhartha
Engi- neering College(VRSEC)
July 2012 – April2016

Higher Secondary - 95.8%

Board of Intermediate Education
2012

Secondary - 91.8%

Board of Secondary Education
2010

TECHNICAL SKILLS

- **Programming** : Python , numpy, Pandas, Time series data handling , nltk , Spacy , R-
- **Data Collection** : Web Scrapping using Beautiful Soup
- **Data preprocessing** : Pandas , numpy , timeseries data handling
- **Visualization** : power-BI , Tableau matplotlib
- Machine Learning model building
- **Text analytics** : Natural Language processing
- Deep learning and Neural Networks
- **Cloud computing** : Aws , Azure
- **Model deployment** : python Flask

PROJECTS :

PREDICTING CUSTOMER FOOTFALL IN A RETAIL STORE

A Retail Store wants to better understand their customers' behavior and predict future trends in their visits and engagement with the business. We obtained the number of customers who visited the Retail Store month on month basis from 2009 to 2015. We then performed time series analysis using SARIMA model to fit this data into our model that gave us the prediction of customer visits

CHESS MOVE VALIDATION USING PYTHON

This project implements a classic version of Chess and its validation of move using python. The Chess game follows the basic rules of chess, and all the chess pieces only move according to valid moves for that piece. Our implementation of Chess is for two players. It is played on an 8x8 checkered.

Bengali spell checker tool development

- The Objective of this project is to prepare an algorithm to check the entered Bengali word's spelling and correct it, if the entered word is wrong.

Call center operation Visualization using Power BI , Tableau

Team of lead of the call center, has got attribute of their teams performance, he/she need to answer the queries to management in addition this the he/she need to make the group of charts to form a dashboard for top management on performance of his/her department.

Predictive maintenance modelling

A major problem faced by businesses in asset-heavy industries such as manufacturing is the significant costs that are associated with delays in the production process due to mechanical problems. Most of these businesses are interested in predicting these problems in advance so that they can proactively prevent the problems before they occur which will reduce the costly impact caused by downtime.

Working on NO-SQL mongo DB and connecting with python

For our project we choose Mongo Db Atlas as our Database to store the Temporal data in the cloud .We used python language to interact with our database for feeding and retrieving data

Using pandas and numpy

To analyse the various factors and parameters for hotel industry which help them to retain loyal customers for a long duration of time using advanced python tools pandas, numpy

RFM (Recency, Frequency, Monetary) analysis highly used marketing model for behavior based customer segmentation using SQL

It groups customers based on their transaction history – how recently did they transact, how often did they transact and how much did they purchase.