

Budme Anurag

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

Bachelor of Technology, Chemical Engineering May 2017 CGPA: 6.16/10

EXPERIENCE

INFOSYS LIMITED, Hyderabad, India

Senior Associate Analyst 12/2017-PRESENT

PROJECT 1: Automated Text Extraction (ATE)

- Developed an information retrieval framework for semi-structured electronic documents. Image Processing, Optical Character Recognition (OCR) and Natural Language Processing (NLP) techniques are implemented to extract key information, which eliminates the manual information extraction process.
- Reduced the defect resolution process time by 40% by building a CI-CD pipeline using git and docker.
- Key contributor in migrating the on-premise application to Azure cloud, which reduced costs by utilizing the pay-per-use model.
- Involved in presenting the framework to 10+ prospective clients, which helped in understanding improvement areas within the framework.

POC 2: Failure Classification Based on Machine Sensor Data.

- Built classification model in Azure Machine Learning Studio. Performed exploratory data analysis(EDA), data cleaning, feature selection, and PCA to predict the machinery signals into two segments Failure or Not Failure.
- Built dashboards in Tableau.

POC 3: Aspect Based Sentiment Analysis of Product Reviews - Text Analytics Workbench

- Identification and extraction of top 4 aspects from the product reviews. Calculating the polarity or sentiment of each aspect.
- Created reports to give the overall sentiment of each aspect.

INTERNSHIP

Dr. Reddy's Laboratories, Hyderabad, India

Intern 04/2014-05/2014

- Classification of engineering materials in the warehouse based on usage is performed and the threshold quantity is calculated, which helped the department to make procurement decisions 30% faster. Material classification reduced the product delivery time to the end-user.

SKILLS

Programming Languages: Python (Numpy, Pandas, Scikit-learn, NLTK,cv2), R.

Tools: Tableau, Azure Machine Learning Studio, Docker, Git, GitLab, Dataiku.

Cloud: Azure VM, Azure Container Registry, Azure SQL.

Statistics & ML: Descriptive and Inferential Statistics, Linear Reg., Logistic Reg., Decision Trees.

SoftSkills : Presentation Skills (Demonstrated the POC and framework to multiple clients, internal stakeholders)

CERTIFICATIONS

- Microsoft® Certified Solutions Associate: Machine Learning for clearing exam 773 May 2019
- Microsoft® Certified Professional for clearing certification exam on Azure ML Studio Oct 2018
- Udacity Data Analyst Nanodegree Nov 2017

AWARDS

- Received Most Valuable Player in DNA STAR AWARDS Dec 2019

ExtraCurricular Activities:

- Part of first ever social entrepreneurship at my undergraduate institute, providing books at a price less than 63% of the market price by collaborating with the local advertisers.