

# Aman Kumar

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## SKILLS

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**Algorithms/Techniques (Proficient)** : Linear models (Logistic Regression, Linear Regression, Lasso and Ridge Regression), Tree Based Algorithms (Decision trees, Random Forest, GBM, XGBoost, LightGBM), Naive Bayes, SVM, Clustering (K-Means, Hierarchical), NLP, Building custom CNN architectures, LSTM.

**Software/Library(Proficient)** : Python, R, Pandas, Numpy, Scikit-Learn, Keras, TensorFlow, Tableau, Kubernetes, Docker, Spark.

## CERTIFICATIONS

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### Post Graduate Program in Big Data Analytics & Optimization

INTERNATIONAL SCHOOL OF ENGINEERING (INSOFE) (Dec. 2018 - June 2019)

- This program is certified for the quality, pedagogy and assessment by LTI of Carnegie Mellon University, USA.

## EXPERIENCE

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### Centelon

(July 2019 - Present)

Consultant - Data Science

### Projects :

1. **OCR for Invoice Extraction** - Built a custom OCR with the help of deep learning, to extract text from invoices. Used state-of-the-art Yolo v3 with custom trained Tesseract 4.0 for text detection and text recognition.
2. **Customer Pulse** - Current working upon building a product that serves the customer service industry. The outcome of this product would be Customer Analytics with an analytics dashboard which involves diverse services like :
  - Text Summarizer
  - Text & Voice Sentiment
  - Topic modeller
  - Survey Analytics

3. **Text Summarizer** - Performed EDA of number of characters, words and sentences on both articles and summaries & identified malformed articles and cleaned the dataset from them. Implemented abstractive text summarization using RNN seq-2-seq model & extractive text summarization using sentence scoring algorithm.

### **Amazon Development Centre India Pvt Ltd**

(Oct. 2017 - Nov. 2018)

Transaction Risk Investigator

- Worked as a Risk Analyst for fraud investigations team to uncover trends which helped in reducing fraud and abuse on Amazon platform.
- Handled large scale real-time data and assisted in planning and accomplishing Amazon Pay production with high quality & maximum efficiency.
- Engaged in frequent written and verbal communication with management, automation analysts, risk engineers, other company associates and third-parties to accomplish goals.

### **ACHIEVEMENTS**

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- Awarded as “**Star Performer**” twice for showcasing deep-dive skills to forecast trends using history data of customers during “**Great Indian Amazon Sale**”.
- Finished Top 10% in Kaggle Santander Customer Transaction Prediction.

### **ACADEMIC PROFILE**

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#### **AMC Engineering College, VTU**

(Aug. 2013 - July 2017)

BTech (Information Science & Engineering)

#### **Oxbridge Convent High School**

(October - 2012)

Intermediate, 12th