




Amit Abhishek

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Professional Summary

An enthusiastic software professional with more than eight years of working experience in data engineering and backend development.

Employment history

Lead Data Engineer, Lendingkart. Bangalore, Karnataka
May. 2019 –

Maintaining the DWH(Redshift).
Built In-house Data Pipeline.
WLM implementation to optimise the usage of resources(CPU and Memory).
Airflow - to run cron-jobs monitoring and visualisation purpose.
Developed in-house DE Dashboard(Arkene) for self-serve.

Senior Software Engineer, Iquanti Inc. Bangalore, Karnataka
Jul. 2016 – Apr. 2019

Developed tool - Search Engine Optimisation (ALPS)

Introduction to the tool: An Analytics Product that strives to improve the ranking of a domain by analysing its current performance in space of search. It analyses the current performance of a domain concerning its visibility in the SERP(search engine result page) and reverses engineers the ranking algorithm to suggest the improvements which would enhance the rankings over the competitors.
Capabilities of tools are- **Traffic estimator, Pre-launch simulation, Keyword Analysis, Rank and traffic forecast, Backlink Analysis.**

My Responsibilities –

- 1) Developing Back-End services for data collection and scrapping.
- 2) Developing API with security for accessing data using Django.
- 3) Developing Front-End modules and directives for features as plugins.
- 4) Developing Back-End services for the data collection on AWS public datasets
- 5) Design and develop ETL layer to process raw data from various data providers using various data models

Sr. Developer, Mu-Sigma Business Solution. Bangalore, Karnataka
Feb. 2014 – Jul. 2016

Skills

Data Preparation and Cleaning

SQL, No-SQL

Python, Django, Flask

Satellite Data Pipeling

Data Pipeline

Developed - Unified Analytical Tool (muFusion)

Introduction to the tool: A web-based analytical tool that gives a detailed analysis of input data in the form of charts, pictures, graph, word cloud, theme map, keyword count, keyword trend, data viewer, Geo map.

Input can be taken from Social REST API, Social Streaming API, File, CRM, call centre notes, databases, etc.

Capabilities of the tool are - **Sentiment Analysis, Categorisation, Classification, Topic Modeling, Word Cloud, Geo Analysis.**

My responsibilities :

- 1) Data preprocessing and cleaning of data received from multiple sources to convert into a single format understood by the ML/Rules-based Algorithms of the tool.
- 2) Geo Analysis. Geo analysis module takes input as IP and Geo text and gives output as Latitude Longitude so that FE can plot graph.
- 3) Alert system. Developed Alert System module, which sends mail or notifies the user when certain criteria are met. The period of alert can vary from hourly to yearly.
- 4) Integration of social streaming data into the input side of the tool.



Education

NIT Warangal, Warangal, Telangana

M.Tech, Computer Science, Jun. 2013