Amit Kumar Sharma

Phone: 91-8088-7796-51
Email: amitkumarmatoliya786@gmail.com

198, 2nd Floor 4th B cross, Bellandur, Bangalore (560103)

Passionate Python Developer with a Master's degree, specializing in programming principles, and 2.4 years of professional experience in Python3, with proven technical expertise in developing and implementing large scale algorithms to significantly impact business revenues and guide businesses in taking quality data driven decisions.
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Professional Experience:-

April-2020 – Present: Data Scientist – **Mykukun India Pvt. Ltd.**

Jan-2019 – April-2020: Full Stack developer – **Data Quarks Ltd.**

Technical Skills:

Programming Languages: Python 3, Jinja2

Web Design: Bootstrap4, HTML, CSS

Database: MySQL

Framework: Django
Operating System: Linux, Windows
Web Scraping: Beautiful Soup
Tools: Jira, bit-bucket, Git
IDE: Pycharm.
NLP Packages: OCR, Spacy, NLTK
Cloud: AWS[EC2,Lambda,RDS,Aurora]

Project:

(a) Features   for user loan propensity:-
• Wrote SQL queries to extract, transform and load semi structured data from multiple database sources
• Performed Cleaning, pre-processing and feature engineering to derive useful features from data
• Engineered features at both the user level and session level to capture signals from raw data
• Derived features to account for user flow from the user's browsing activity
• Performed Scaling and transformation on the data to reduce noise and improve computational efficiency
• Trained a Logistic Regression algorithm to generate probability scores for users to measure their propensity towards applying for loan.

(b)(Automated Charts)Data visualization:-
• In this project, data sets are read from a Google Designed spreadsheets and sliders using Plotly. Data sets related to sports, business, health, politics, religion, etc were scraped. The data comes from different trusted data sources like wiki, data world etc.
• Visualised data using different data visualization tools like bar, group, stacked, pie, donut, line, etc
• Generated visualisations and slider tables on Django
• Performed data dumps and database management on a daily basis

(c)   Automated Slider for future events:
• Scraped data from various sources using the Beautiful Soup module

• Performed text extraction and topic categorization using state of the art NLP techniques: stemming, lemmatization, named entity recognition to obtain useful tags.
• created a web page using HTML, CSS, Bootstrap and Jinja2. Employed Django Rest Framework, design API for display in App.

(d) Find Live News Headlines:
• Extract all live headlines from all over the world using NewsAPI.
• Read tags, geopolitical data using NLTK module
• Created a web page using HTML, CSS, Bootstrap and Jinja2. Employed Django Rest Framework, design API for display in App.

Summary of Technical Skills:

- Good understanding of programming language
- Workable knowledge of Natural Language Processing.
- Workable Knowledge of Data Analytics tools in python
- Good knowledge of backend development.
- Workable knowledge of machine learning.
- Good knowledge of web scraping.

Workshop / Seminar:-

1. Completed certification in Basic in Machine Learning From Udemy. .
2. Completed certification in Data Analysis with Pandas and Python From Udemy .
3. Attended Python Workshop held in Feb.2017 at Central University of Haryana.
4. Attended Data Structure in C/C++ workshop in Sept.2017 at Central University of Haryana.
5. Attended PHP with SEO workshop in April 2018 at Central University of Haryana.
6. Attended two days Android App Development workshop in Nov. 2018 at Central University of Haryana

Education:

Type of Degree	School/College	Passing Year	Percentage
M.C.A	Central University Of Haryana,Haryana	2019	74.5%
B.sc (PCM)	UNIRAJ,Jaipur	2016	54%
12th (PCM)	BSER,Ajmer	2012	67%
10th (All)	BSER,Ajmer	2010	78%