Amit Singh

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EXPERIENCE

BAJAJ FINSERV | SR. DATA SCIENTIST
Feb 2023 - JAN 2024 (LWD: 10 Jan 2024)| Pune, India
- EDA on large datasets in the volume of more than 1 crore rows to extract, transform, and analyze
- Deployed dashboards to visualize (KPIs) and trends in PowerBI.
- Streamlined data collection processes, reducing data processing time and improving overall data quality.
- Deployed a model for daily scheduled job runs to collect the non-compliance transactions collected by the agent.
- Create switches to control the pipeline and reduce the repetition for the scheduled job. Lead team member of 6 folks.
- Tech: Databricks, python , EDA, Data pipeline, pyspark, SQL, Power BI. Tiger graph

VALORANT | DATA SCIENTIST
Dec 2021 – Jan 2023 | Banglore, India
- Conducted data analysis on sales and operations to derive meaningful insights and support decision-making processes
- Worked on Model Optimization of one of the Fortune 500 companies. It is a Sales and operations tool to generate the Schedule. Developed AI software from scratch for Packing, making, and Inventory.
- Worked with a top consulting firm. Lead team member of 5 folks. The tools solved the complex problem for the manufacturing company to generate the due date to finish of the goods.
- Tech: python, django, API, Data pipeline, EC2, pandas, numpy, aws

ENVIRYA | DATA SCIENTIST
Dec 2020 – Nov 2021 | New Delhi
- Deployed an NLP model to solve the similar text meaning.
- Solved the file structure organization of the module. Using the rest API. Flask and Python are used for the backend.
- Deployment of the application using docker script.
- Tech: python, sql, docker, NLP, kafka, MongoDB, flask

PROJECTS

DISASTER RESPONSE PIPELINE
- In this project, I have applied these skills to analyze disaster data from Figure Eight to build a model for an API that classifies disaster messages.

TEXT GENERATION USING OPEN AI
- Using ChatGPT API we can use the features of open AI using Python code which means we are not required to go to the site of ChatGPT to ask any questions.

DOG BREED CLASSIFIER
- Prediction of dog breed using CNN and Transfer Learning.Using a pre-trained VGG19 model to extract the image feature.

EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
B.TECH IN COMPUTER SCIENCE
Nov 2020 | New Delhi

UDACITY
DATA SCIENTIST NANODEGREE
Jan-May 2020| USA

UDACITY
DATA ANALYST NANODEGREE
May-Oct 2019| USA

LINKS

Github: **amit2020cs**
LinkedIn: **amit2020cs**
Leetcode:**amit2020cs**

SKILLS

- Python
- pySpark
- GenAI
- GCP
- LLM
- AWS
- SQL
- OOPS
- NLP
- pandas
- Numpy
- Machine Learning
- Deeplearning
- Data pipeline
- Data Structure
- Algorithm
- Sklearn

TECHNOLOGY

- Git • AWS • Linux • UNIX
- Windows • Databricks

TOOLS

Languages: Python(5/5), Java(4/5)
Framework: flask, Django, PyTorch, Tensorflow
Databases: SQL, MongoDB
Distributed Platforms: Pyspark, data bricks
IAAS: AWS, EC2, S3, Sagemaker, Azure, GitHub Bitbucket GitLab