

Shoaib Shaikh

Data Scientist

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Scarborough, Canada.

IT Professional with 5 years of experience building scalable applications in Analytics & Artificial Intelligence (AI) domain and having exposure in statistics analysis and machine learning, leveraging data-driven insights in agile model.

WORK EXPERIENCE

Associate Process Manager (Data Science)

eClerx | Nov-2022 to Present

- Researching on developing algorithms for Predicting to appropriate areas and Optimizing the Location of an EV Charging Stations in metropolitan cities.
- Identifying data sources and developing web scraping strategies.
- Cleaning and organizing large datasets for further analysis following with testing and debugging.
- Leading and helping my fellow team members with the challenges during product development process and problem solving.
- Automating data scraping (Python Scripting) processes to improve efficiency and reduce errors.

Associate Data Scientist (Research & Innovation)

Tata Consultancy Services Ltd | June-2018 to Nov-2022.

- Extracting usable datasets with Feature Engineering from valuable data sources using Pandas and NumPy.
- Analyzed and interpreted complex data using techniques to identify trends, patterns, and anomalies
- Pre-Processing, cleansing, and validating the integrity of data to be used Forecasting with ML model & Quantum algorithms.
- Image Analytics solutions using Open CV while reducing Blur(denoising) and building model to read barcode in aisle (Warehouse).
- Built and maintain databases, data pipelines, and data visualization dashboard.
- Predictive analysis on Stock datasets.
- Prepared research paper and tested algorithm for predictive model with Quantum Computing algorithms i.e., Variation Quantum Regressor, VQLS, AWS Bra ket for stock price forecasting.
- Used ML/DL techniques to develop robust predictive models for Image Classification and Regression Problems with ANN, CNN & RNN.

Skills & Cloud Platforms



Python 3

Pandas

NumPy

SQL /Mysql

TensorFlow/PyTorch

Computer Vision



Jupyter Notebook

Vs Code

PvCharm



Front end

Linux

tableau

Power bi

GIT

Django



Projects

Amitchapke.com (Freelance)

- Productionized Web Development with Django Framework for a private fitness coach with EC2 Instance AWS Service.

Banking Client (Indian)

- Deployed a fraudulent transaction detector for a banking client of TCS with the help of text mining using NLP.

More on: <https://www.github.com/shoaib646>



EDUCATION

- Graduate Certificate (AI)
Durham College Fall 2023 Canada.
- MBA in IT & System
ICFAI UNIVERSITY 2021.
- BS in Information Technology
Mumbai University 2017.



Recognitions

- Special Initiative Award @ TCS Financial Services Domain-2019
- Rising-Star Award @ TCS Research Team 2021
- On Spot Award @ TCS FY-2022