

Akshay Tyagi

📍 **Delhi, INDIA**

- LinkedIn - <https://www.linkedin.com/in/akshay-tyagi-a12117156/>
- Portfolio - <https://github.com/AkshayTyagi12345>

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👤 Profile

5.5 years of experience in IT field in which 4 + years of experience with strong Data science, Machine Learning, Deep Learning, Natural Language Processing background using predictive modeling, data processing, and data mining algorithms to solve challenging business problem

TECHNICAL SKILLS

Language : Python, PySpark , Html , Css

Database : MS SQL and Oracle ,Postgres

Techniques : Data Science , AI and Machine Learning , MLOPS

Microsoft offices – MS Excel

Tools - Jira , AWS , Git hub ,DVC , Docker , Tableau , Fastapi , Flask

Profile Summary:

- Good knowledge of Machine Learning – (**Supervised and Unsupervised**), **Deep Learning and NLP**.
- Good knowledge in Algorithms and techniques and **Statics** and feature Engineering and selection.
- Good knowledge in **MLOPS** - Data and model tracking ,**CI and CD pipeline** and Deploying model using **AWS**.
- **EDA**– Good knowledge in Exploring data for useful information for Business.
- Good knowledge in **Libraires Numpy , Pandas , Sk-Learn , Scipy , Matplotlib , NLTK , Keras etc.**
- **Problem Solving and Critical thinking** – The Ability to define problems, design experiments and iterate on Solutions .

Current Employer : Infosys BPM Limited ,(OCT 2021 -Present)

Professional Experience:

Current Project : Insurance Domain

Role : Data Scientist

Client : Swiss Re (JAN '2022 – Present)

Duties and Responsibilities:

- **Client** - Focus on financial Protection against loss or damage using Data analysis of Past claim.
- Working as ML Engineer with focus in **ML** and we as a team , where responsible to analyze Input data ,building machine learning models , testing accuracy in different conditions .
- Data pre-processing, data cleaning, slicing and outlier treatment to increase data usability. Bringing together disparate data sources into a valid useful Format. Proposing implementing and validating improvements to ML components.
- Design, build and maintain large scale production machine learning pipelines optimizing solutions for performance and scalability and **Deployment** .

Project 2 : Banking Domain – Lotus Notes

Client Position: Data Scientist

Client : Bank Of America (OCT '21 - DEC '22)

Duties and Responsibilities:

- Worked as **ML Engineer** focus with **NLP** , responsible here for **extracting valuable** inputs from the raw data including **raw text** and predict required outcome .
- Generate the required charts based on the outputs and inputs we have and cater to the client.
- Worked with different algorithm and statistical techniques to build strong Predict Model.

Previous Company Experience :

Employer : Vindhya Telelinks Pvt Limited (May'2018 - Sep'2021)

Client Position: Data Scientist

Duties and Responsibilities:

I worked as a **Data Scientist** in **Telecome domain** and we, as a team, were responsible to analyze input data, building machine learning models, testing their accuracy in different conditions, extract the relevant insights and deployment of various models in the production environment that ultimately was responsible to increase the business insights and productivity of the entire unit.

Academic Chronicle:

B.Tech in Mechanical Engineering with **68%** from Bharat Institute of Technology affiliated to AKTU (Lucknow) – (2013-2017) .

- **12th** with **74.5 %** from UP Board (2013)
- **10th** with **72.8%** from UP Board (2011)

Certification : Edureka - **AI and Machine Learning** Course

Python | Statistics | Data Science | Machine Learning | NLP | Deep Learning |
Apache spark || Big Data and Hadoop

Personal Information:

Name : Akshay Tyagi

Date of birth : 30.06.1996

Father Name : Munesh Tyagi

Gender : Male

Languages known : Hindi, English (Speak, Read & Write),

Permanent Address : Saharanpur, Uttar Pradesh, 247551
