

# Rakesh Yadav

## PGD Data Science

Visionary individual with more than 3 years of working Experience as Financial Analyst for reputed Companies like EXL, and ID medical . Highly communicative and experienced in analyzing raw data and inferential statistics with enhanced knowledge about Machine Learning and Deep learning algorithms looking for transition to the Data Scientist Role by acquiring other technical skills like various coding languages Python,SQL,Advance MS excel and visualization tools like Tableau & PowerBI etc .

+91-9945377263

yadav.rakesh94@outlook.com

[in](#) [Linkedin](#)

[G](#) [Github](#)

## KEY SKILLS

Python | R | SQL | ML | DL | Deployment | FLASK | HTML | CSS | STREAMLIT | HEROKU  
Tableau | PowerBI | MS -EXCEL

## Education

- Post Graduate Diploma in Data Science Deep Learning** 2020-2021  
IIIT Bangalore - Bangalore, IN
- Bachelor in Finance Management - Accounting and Finance** 2013-2016  
New Horizon College of Engineering Marathahalli - Bangalore,IN

## Internship

**Data Science - Internship ( May '21 - Sep '21)**  
**Technocolabs Pvt Ltd. Indore**

*Technocolabs is a Software Development Services Company that provides services in Application Development, API Management, Cloud Application Development*

- As an intern we have worked on Project "Intraday Stock Price Prediction" had a hand on experience on Time Series Data learned many techniques which helps to analyze the timeseries data like Autoregressive & Smoothing Techniques, Model Deployment on Heroku
- As a Team Captain Lead and Guide other fellow interns and worked on two other projects, 1. Classification Projects (1. Credit Risk Loan Approval Prediction & 2. Freddie Mac Mortgage-Backed Securities), got hand on experience on ML algorithms like - XGBOOST, Regularized Logistic Regression, KNN, SVM, Random Forest

## Projects

- Stock Price Prediction** , Time Series, test accuracy 0.96% , Autoregressive Models, LSTM, GRU, SVM
- Credit Card Fraud Detection**, Binary Classification, test accuracy 0.96%, Regularized Logistic Regression, XGBOOST, KNN
- Financial Product Distribution among Customers** based on past history Multiple Class Classification , test accuracy 0.98% , Light GBM , Cat boost , advance string operation using python and pandas string manipulation libraries
- Bike Price Prediction**, Regression, test accuracy 0.78, Linear Regression with regularization (L1+L2) technique.
- Customer Segmentation** for retail shop, Clustering/Segmentation, K-means, K-mode (Cao, Huang), Hierarchical Clustering
- Gesture Recognition**, Video Classification, Deep learning, validation accuracy 0.98%, Combination of convolution's neural networks such as Conv2d+LSTM, Conv3d+LSTM, Transfer Learning (EfficientNet50)+LSTM

## Accomplishments

### Internship -Technocolabs

- Data Science Internship Completion Certificate - 4Months
- Signed (Letter of recommendation) from CEO of Technocolabs Pvt. Ltd.
- Mentorship Certificate to Guide and Lead Team of 26 members and successfully completed Two project within deadline

### Web Api's Deployed on Heroku

- Stock Price Prediction - <https://stockpriceapi.herokuapp.com/>
- Loan Approval - <https://msbriskpredictor.herokuapp.com/>

- Credit Risk - <https://appcreditrisk.herokuapp.com/>

#### **Data Science Hackathons -Analytics Vidya**

- Got 264 place out of 2975 participants across India in AmExpert 2021: Machine Learning Hackathon contest organized by American Express pvt ltd.

## **Work History**

### **Senior Financial Analyst**

#### **Exl -Bangalore-2016-2019 | IDmedical -Pune -2019-2020**

- Processing/Posting/Billing client Timesheets/Invoices to make their payments on time.
- As a part of query team use to resolve Payment queries, Bank Setup Queries, Timesheets/Invoice queries, remittance queries on Calls or emails.
- Worked closely with clients to maintain optimum levels of communication to effectively and efficiently complete projects.
- Increased customer satisfaction by resolving queries related to price, quantities over phone calls with clients.
- Improved operations through consistent hard work and dedication.
- Used Microsoft Word and other software tools to create documents and other communications.