Mohit Rathee *Machine Learning Engineer*

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✪ leetcode.com/mohitrathee051   *Credly* www.credly.com/users/mohitrathee051

Professional Experience

Frontend Web Developer   02/2024 – 05/2024 | Noida, India
Codeflies Technologies

Mastered HTML, CSS, and JavaScript, built responsive and interactive user interfaces, and worked with frameworkslike React, Angular, and Vue.js. Effectively collaborated with team members, demonstrated creativity and problem-solving skills, and contributed significantly to projects.

Organisations

GDSC DCE   2023 – 2024
UI/UX Lead

GDSC DCE   2022 – 2023
Outreach Volunteer

Skills

Programming:
- Python
- R
- SQL

Machine Learning:
- Scikit-Learn
- TensorFlow
- PyTorch

Data Visualization:
- Tableau
- Matplotlib
- Seaborn

Databases:
- MySQL
- PostgreSQL

Tools:
- Git
- Jupyter Notebook
- Excel

Data Structures:
- C/C++

Certificates

- AWS Certified Cloud Practitioner ⊠
- Github Certified Foundations ⊠
- Hands-On Python Machine Learning with Real World Projects ⊠
- Hands On Python Data Science - Data Science Bootcamp ⊠

Projects

Credit Risk Modelling ⊠
- Built an XGBoost-based credit risk model using 8 key financial indicators.
- Implemented automated outlier detection and tuned hyperparameter combinations.
- Deployed via Gradio interface; made Google Colab-ready for easy access.

Stock Price Prediction ⊠
- Built LSTM model to predict stock prices using TensorFlow/Keras
- Created interactive dashboard with Gradio for real-time predictions
- Automated data pipeline from collection (yfinance) to visualization

Customer Churn Prediction ⊠
- Built a artificial neural networl to predict customer churn , achieving 85% accuracy .
- Conducted EDA to identify key factors influencing churn, such as contract type and monthly charges.
- Tools: Python (Pandas, Scikit-Learn, Matplotlib), Tableau

Achievements/ Extracurricular Activities:

- "Achieved victory in the college-level idea presentation with an innovative solution - an Arduino UNO-based system with weather sensors.
- Finalist, Medecro HealthHack 2024,developed Clinic Management System whose goal is to simplify clinic operations with a user-friendly interface for both frontend and backend functionalities.