

PRATIK JAGTAP

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PROFESSIONAL SUMMARY

Machine Learning / AI Engineer with hands-on experience developing predictive models and deploying ML solutions across various projects. Currently enrolled in an industry-focused AI Engineer program, alongside pursuing a degree.

EXPERIENCE

Machine Learning Intern | Future Interns (Remote) Dec 2025 – Present

- Developed end-to-end machine learning pipelines encompassing data preprocessing, feature engineering, model training, and evaluation to solve business problems
- Built classification and time-series forecasting models using **Prophet**, improving forecast accuracy by **~15–20%** on historical datasets
- Created dashboards and analytical reports that reduced manual analysis effort by **~25–30%** for stakeholders

SKILLS

ML & AI: Regression, Classification, Clustering, Time-Series Forecasting, Natural Language Processing (**NLP**),

Predictive Modeling, Exploratory Data Analysis (**EDA**), Deep Learning (TensorFlow, Keras, PyTorch)

Programming: Python, SQL, Pandas, NumPy, scikit-learn, Data Preprocessing

Visualization: Power BI, Matplotlib, Seaborn

Deployment: Flask (REST APIs), Streamlit, Docker, AWS EC2, Render

Tools: MySQL, Jupyter Notebook / JupyterLab, Git, GitHub

EDUCATION

Artificial Intelligence Engineer Program (Ongoing) Aug 2025 – Feb 2026

DataMites Global Institute, Pune

Master of Computer Applications (MCA) (Final Semester) Jul 2024 – Apr 2026

Sinhgad Institute of Management, Pune

Bachelor of Computer Applications (BCA) Sep 2021 – Jun 2024

M. S. Kakade College, Someshwarnagar, Pune

PROJECTS

AI-Driven Sales Forecasting System Dec 2025

[Python | Prophet | Pandas | Power BI] | [\[LINK\]](#) [\[PRESENTATION\]](#)

- Engineered time-series forecasting pipeline processing **36+** months of sales data, boosting prediction accuracy by **18–22%** through trend decomposition and hyperparameter tuning
- Delivered an interactive Power BI dashboard with actual vs. forecast visualizations and KPI tracking, cutting manual reporting time by **30%**.

Attrition Prediction Engine Dec 2025

[Python | scikit-learn | Streamlit] | [\[LINK\]](#) [\[LIVE DEMO\]](#)

- Built an ML classification model identifying at-risk employees with **83%** recall using feature scaling and threshold optimization.
- Deployed a Streamlit application providing real-time churn predictions and retention insights for HR teams

TripAdvisor Review Sentiment Analysis Nov – Dec 2025

[Python | scikit-learn | NLTK | TF-IDF] | [\[LINK\]](#)

- Analyzed **20K+** customer reviews using NLP preprocessing (tokenization, TF-IDF vectorization) to extract sentiment patterns.
- Visualized sentiment trends using scikit-learn outputs and Matplotlib, generating insights into customer satisfaction patterns to support data-driven decision-making.

CERTIFICATIONS

Ultimate Job-Ready Data Science Certification | CodeWithHarry | [\[LINK\]](#) Sep – Dec 2025

Data Analysis Course | Simplilearn | [\[LINK\]](#) May – Jul 2025

Python Programming Certification | HackerRank | [\[LINK\]](#) Jan – Feb 2025

ACHIEVEMENTS

- Secured **1st** Place in the 3D Neural Network Model Design Competition organized by Tech Drill Neo Vision.