Rishabh Jain

AI/ML Engineer

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Professional Summary

AI/ML Engineer with 3 years of experience building predictive models, NLP pipelines, and computer vision applications. Experienced in feature engineering, model deployment, and delivering insights that drive business decisions.

Technical Skills

- Python (NumPy, Pandas, scikit-learn)
- Deep Learning (TensorFlow, PyTorch)
- NLP (Text Classification, Sentiment Analysis, NER)
- Computer Vision (CNN, OpenCV)
- SQL, Data Cleaning, ETL
- Model Deployment (Flask, FastAPI)
- Tableau / Power BI Visualization

Professional Experience

VisionTech AI — Bangalore, India
AI/ML Engineer — Jan 2021 – Present

- Developed NLP models for customer support ticket classification, reducing manual triage time by **50%**
- Built CNN-based defect detection system for manufacturing images, achieving **92% accuracy** on production data
- Created automated ML pipelines for feature engineering, model training, and evaluation
- Collaborated with product managers to translate business requirements into ML solutions
- Deployed models via Flask APIs and integrated into internal dashboards

ML Intern — DataLabs Solutions — Jul 2020 – Dec 2020

- Built recommendation system using collaborative filtering (MovieLens dataset)
- Preprocessed 100K+ user interaction records and implemented RMSE evaluation
- Assisted in exploratory data analysis and feature selection for production models

Education

Bachelor of Technology — Computer Science Engineering — 2020
Manipal Institute of Technology, Manipal, India

Certifications

- Deep Learning Specialization — Coursera
- NLP with Python — Udemy
- TensorFlow Developer Certificate