Tanmay Jain

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Professional Summary

- Computer Science undergraduate with hands-on experience in machine learning, computer vision, and end-to-end ML pipelines. Proficient in Python, C++, and model development using TensorFlow and scikit-learn. Seeking ML/SDE internship opportunities to apply problem-solving and analytical skills.

Education

- **Bennett University, Greater Noida** 2027
  Bachelor of Technology - Computer Science & Engineering
- **Delhi Public School- Greater Faridabad** 2023
  High School Diploma: Science

Technical Skills

- **Programming Languages:** Python, C++, Html, CSS, SQL
  Libraries & Frameworks: Flask, Tensorflow, Scikit-Learn, Opencv, Pandas, Numpy
  Tools & Platforms: Git, Vs Code, Jupyter Notebook
  Core Concepts: Machine Learning, Object-Oriented Programming (OOPS), Database Management Systems (DBMS), Operating Systems, Computer Networks
  Soft Skills: Effective Communication, Time Management, Public Speaking, Team Collaboration

Experience

- **Unified Mentor Private Limited** July 2025 - October 2025
  Machine Learning Intern
  End-to-End Machine Learning Projects
  • Built supervised ML models for Animal Image Classification and Liver Cirrhosis Stage Detection.
  • Applied image processing, tabular data analysis, and multi-class classification techniques.
  • Performed data preprocessing, EDA, hyperparameter tuning, and overfitting reduction.
  • Developed ML/DL models using scikit-learn, XGBoost, LightGBM, TensorFlow, Keras, OpenCV.
  • Visualized insights using Matplotlib, Seaborn, Plotly; worked in Jupyter Notebook and Google Colab.

Projects

- **MediScanAI – Multi-Disease Prediction System**
  Python, TensorFlow, Keras, OpenCV, Flask, HTML/CSS
  • Built a multi-disease prediction system using patient health data
  • Implemented an end-to-end ML pipeline (EDA, preprocessing, feature engineering, modeling)
  • Trained and compared Logistic Regression, KNN, SVM, and Random Forest models
  • Evaluated performance using accuracy, precision, recall, F1-score, and confusion matrix
  • Selected the best-performing model to improve diagnostic reliability

Links

- **LinkedIn** https://www.linkedin.com/in/tanmay-jain-a706a428a/
  Github https://github.com/tanmmayyy