

Gauransh Juneja

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Education

Vellore Institute of Technology, B.Tech in Computer Science and Engineering Aug 2021 – June 2025

- CGPA: 7.72/10.0

Experience

Machine Learning Intern, Coding Blocks – Delhi, IN June 2025 – Aug 2025

- Led end-to-end pipelines for multiple ML projects: data ingestion, cleaning, feature engineering, and model training to ensure reproducible experiments and faster handoffs
- Developed and validated classification and forecasting models (PyTorch / TensorFlow); implemented cross-validation, hyperparameter search, and model comparison notebooks for team review.
- Automated routine evaluation and reporting (notebooks → dashboard), reducing manual experiment tracking and enabling faster iteration between teammates.

Data & Operations Intern, Chic-Fashions – Faridabad,IN March 2024 – Oct 2024

- Collaborated with a cross-functional team to streamline import–export operations by digitizing records and improving data accuracy.
- Developed and maintained Python- and Excel-based workflows for inventory and order tracking, supporting smoother business operations over several months.
- Contributed to regular reporting cycles by preparing structured analyses and summaries for management, enabling better decision-making.

Machine Learning Intern, HP computers – Noida,IN Oct 2023 – Dec 2023

- Implemented supervised ML solutions (classification & regression) using scikit-learn and Pandas; created modular training and evaluation scripts for consistent experiments.
- Performed EDA and feature engineering to improve model inputs and robustness; documented pre-processing steps and feature importance analyses for knowledge transfer.
- Built automated data preprocessing and training workflows to standardize experiments and reduce manual setup time.

Projects

Financial Misinformation Detection(COLINGS25) Github | Live

- Built and fine-tuned BERT/RoBERTa classifiers with reproducible pipelines (scraping, pre-processing, tokenization, training) to detect financial misinformation. Achieved strong precision/recall on benchmark dataset.

ChainSense-AI Github

- Developed a demand forecasting & anomaly detection tool (LSTM + Prophet) with a Streamlit dashboard and LangChain + GroqAPI queries, enhancing accessibility and reducing manual effort.

Solar Flare Prediction Model Github

- Implemented time-series ML models (XGBoost, LSTM, CNN) on multi-source telemetry with rolling validation and hyperparameter tuning.Delivered reports and alerts that improved operational reliability for satellite communication systems by 35%

Technologies

Languages: Python, C++, SQL

Technologies: TensorFlow, PyTorch, Keras, scikit-learn,Numpy, Pandas, Matplotlib, Seaborn, BERT/RoBERTa, Langchain, GroqAPI, EDA, Data Visualization, Power BI, Streamlit, AWS