

KUNAL KASHYAP

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[LinkedIn](#) | [GitHub](#) | [Kaggle](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Results-driven Data Scientist specializing in production-grade ML systems and healthcare analytics. Experienced in architecting end-to-end solutions from data validation to deployment, with proven success in time series forecasting, deep learning pipelines, and RESTful API development. Passionate about transforming complex datasets into actionable insights through advanced statistical modeling and interactive dashboards.

EDUCATION

Bachelor of Arts (Hons) English	2025
University Of Delhi, New Delhi	
Senior Secondary (CBSE) – 88%	2021

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, TensorFlow, Keras, PyTorch, Scikit-learn, FastAPI, LangChain, Streamlit, XGBoost, LGBM, CatBoost
- **AI/ML Specializations:** Deep Learning (ANN, CNN, RNN), NLP, Computer Vision, Generative AI, Time Series (ARIMA, SARIMA), Chatbots
- **Data Science:** NumPy, Pandas, EDA, Matplotlib, Seaborn, Plotly, Feature Engineering, Statistical Analysis
- **Tools & DevOps:** Docker, Git, Jupyter Notebook, VS Code, Render

PROFESSIONAL EXPERIENCE

Machine Learning Intern | Unified Mentor Pvt. Ltd., India *Jan 2026 – Apr 2026*

- Developing ML models for real-world business applications with focus on predictive analytics
- Building data pipelines and implementing ML algorithms for classification and regression tasks

Data Science Intern | InLighnX Global Pvt. Ltd., India *Nov 2025 – Jan 2026*

- Developed and deployed ML models using Python, TensorFlow, and FastAPI for business automation
- Applied NLP and deep learning techniques for predictive modeling with comprehensive EDA workflows

PROJECTS

Workforce Attrition Patterns & Risk Hotspot Analysis | Python, ML, Streamlit | [Live Demo](#)

- Built HR analytics system analyzing workforce attrition with ML (ROC-AUC: 0.80) and interactive Streamlit dashboard for real-time insights.

System Capacity & Care Load Analytics | Python, ARIMA, Streamlit, Plotly | [Live Demo](#)

- Built analytics framework for healthcare facility capacity monitoring with ARIMA time series forecasting and Streamlit dashboard.

Heart Disease Prediction System | Python, Machine Learning, FastAPI | [Live Demo](#)

- Built ML model for chronic heart disease prediction with feature engineering and deployed via FastAPI on Render.

Loan Repayment Prediction | Python, LightGBM, FastAPI, Docker | [Live Demo](#)

- Designed LightGBM-based prediction model with RESTful API and containerized using Docker for scalability

Iris Flower Classification | ANN, Keras, FastAPI | [Live Demo](#)

- Built Artificial Neural Network for multi-class classification and deployed as production API with validation

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Native) | **Certifications:** Generative AI & NLP Training | **Interests:** Open Source, AI Research