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Anant Anubhav

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Data Scientist with proven expertise in Machine Learning, Deep Learning, NLP, and Computer Vision. Built an intrusion detection system with 99.92% accuracy using ensemble methods and a multimodal similarity engine combining Word2Vec and ResNet50. Proficient in Python, TensorFlow, PyTorch, and SQL, with experience in delivering data-driven insights and scalable solutions that enhance business outcomes.

Skills

ML & Data Stack	Pandas, NumPy, Scikit-learn, TensorFlow, Keras
Specializations	Deep Learning, NLP, Computer Vision, Predictive Modeling
Languages & Databases	Python, SQL (MySQL), MongoDB
Tools & Platforms	PySpark, Tableau, Power BI, Flask, FastAPI, Streamlit, Git/GitHub, AWS, Azure, Docker

Technical Experience

Associate Analyst **Mar 2024 — May 2025**
GlobalLogic *Gurugram, India*

- Contributed to Google's Product Identity Project within the Data Platform & Intelligence division, focusing on enhancing Google Search techniques and knowledge panel development.
- Conducted end-to-end functional analysis of business flows to support data platform intelligence and address client requirements.
- Utilized data analysis and problem-solving skills to improve data management principles and contribute to project goals

Network Operation Associate **Jun 2023 — Mar 2024**
UST Global *Noida, India*

- Monitored and analyzed alarm data from core network elements (2G/3G/4G) to identify and troubleshoot systemic issues, ensuring resolution within SLA.
- Provided advanced technical support, leveraging analytical skills for troubleshooting and maintenance of complex telecommunications systems.

Projects

Home Loan Default – Risk Management
Python, Machine Learning, Imbalanced Data, SMOTE, SHAP, LIME

- Built a credit–risk classification system using Random Forest, XGBoost, CatBoost and LightGBM on multi–source borrower data.
- Used SMOTE + class weights to handle imbalance, achieving ROC–AUC 0.72 with higher recall on likely defaulters.
- Final Random Forest delivered 84% accuracy and 0.69 ROC–AUC, improving high–risk applicant detection.
- Applied SHAP/LIME for interpretable, regulator–friendly credit decisions.

House Price Prediction – Advanced Regression
Python, Data Analysis, Feature Engineering, Regression Models

- Built an end–to–end regression pipeline comparing Linear, Ridge, Lasso and XGBoost models for property price forecasting.
- Improved generalization via robust cross–validation and hyperparameter search, producing more stable and reliable price predictions.

Rice Leaf Disease Prediction – CNN
Python, Deep Learning, Computer Vision, Keras

- Developed a convolutional neural network model for early detection of rice leaf diseases from raw leaf images.
- Enabled proactive crop protection by learning discriminative leaf–level patterns, minimizing potential yield loss.

Education

B.Tech in Computer Science Engineering, *IES College of Technology, Bhopal* Jul 2019 – May 2023
12th Grade (Senior Secondary), CBSE, *Kendriya Vidyalaya Jawahar Nagar, Sitamarhi* Jul 2018 – Jul 2019

Certifications

OCI Data Science Professional, *Oracle* Sep 2025
OCI Generative AI Professional, *Oracle* Aug 2025
OCI Certified AI Foundations Associate, *Oracle* Aug 2025