Job Description – AI/ML Engineer (Applied Machine Learning & GenAI)

# About the Role

We are hiring an innovative AI/ML Engineer to develop intelligent solutions leveraging machine learning, generative AI, and data-driven insights. The role requires a strong foundation in ML algorithms, data preprocessing, and deployment of scalable AI systems.

# Responsibilities

* Build, train, and evaluate ML models for prediction, classification, and analytics (e.g., property price prediction, customer churn).
* Apply advanced techniques such as XGBoost, Random Forests, and SVMs.
* Conduct EDA, feature engineering, and model optimization.
* Work on Generative AI projects with LLMs, prompt engineering, and Google Vertex AI / OpenAI APIs.
* Collaborate with teams to integrate ML/AI solutions into business products.
* Research and propose innovative approaches to energy-efficient computing and AI integration.

# Required Skills

* Strong expertise in Python, NumPy, Pandas, Scikit-learn, Matplotlib.
* Knowledge of supervised/unsupervised ML, evaluation metrics (RMSE, Precision, Recall, F1-score).
* Familiarity with GenAI frameworks and APIs.
* Strong problem-solving and analytical thinking skills.

# Preferred Skills

* Research experience in green computing / edge-fog AI algorithms.
* Exposure to cloud-based ML model deployment.