Geetanjally

AI/ML Engineer

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SUMMARY

AI/ML enthusiast and B.Tech CSE student (2022–2026), passionate about building intelligent systems and applying machine learning to real-world challenges.

EXPERIENCE

AI/ML Training Jun '25 — Present
O7 Services Jalandhar
Created a Fake News Detection system

- Using supervised learning, achieving 90%+ accuracy on real-world news datasets.
  Built ML pipelines for text preprocessing, feature engineering (word embeddings), model training, and evaluation.
  Gained hands-on experience in Natural Language Processing (NLP) and deploying models to classify and extract insights from unstructured text data.

Data Science Training Jun '24
TCIL-IT Chandigarh
Developed a Brain Cancer Detection system.

- using supervised learning techniques, achieving 92%+ accuracy on MRI scan datasets.
  Designed ML pipelines for image preprocessing, feature extraction, model training, and validation.
  Acquired hands-on experience in applying deep learning (CNNs) for medical imaging and deploying models for early diagnosis support.

SKILLS & INTERESTS

Programming & Databases: Python, MySQL, C/C++ Standard Libraries
Machine Learning & Artificial Inteligence Supervised & Unsupervised Learning, CNNs, Neural Networks, ANN, RNN, Predictive Modeling
NLP: Text Classification, Named Entity Recognition, Embeddings, TF-IDF, Bag of Words
Data Science Tools: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn
Deployment : Streamlit

PROJECTS

Product Revenue Analysis Link

- I used Python libraries like Pandas, NumPy, Matplotlib, and Seaborn to analyze product revenue for this project. Finding the best-selling items, revenue trends, and consumer buying habits were the objectives. To support data-driven business decisions, I grouped and aggregated the data, cleaned and processed it, and created charts and graphs to illustrate important findings.

Brain Tumor Detection Link

- I used Python libraries like TensorFlow, Keras and NumPy to build a deep learning model for classifying MRI scans. The objective was to detect the presence of brain tumors with high accuracy. I preprocessed and augmented the medical images, trained a CNN model, and evaluated its performance. To illustrate results, I visualized model accuracy, loss trends, and predictions to support healthcare decision-making.

Fake News Detection Link

- Implemented a fake news detection model using LSTM. Preprocessed textual data through tokenization and stopword removal, then trained the model to classify news articles as real or fake, achieving **94% accuracy**.

AWARDS

Best Emerging Tech Solution
Hackathon, Bharat Tech 2.0

Best Pitch and Presentation
Hackathon,Bharat Tech 2.0

EDUCATION

Btech CSE, DAV University (GPA: 8.03) 2022 — Present
Jalandhar

12th, Army Public School (GPA: 90.8) Unchi Bassi,Mukeria

10th, Army Public School (GPA: 95) Unchi Bassi,Mukeria

CERTIFICATIONS

Data Science with Python, O7 Sevices