Priyanshu Prasad Gupta
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⬤ github.com/Priyanshu2763/

Training

DSA Training | Hitbullseye & LPU **May 2023 – July 2023**

Completed 84 hours of hands-on training in Data Structures and Algorithms with a focus on competitive programming and problem-solving efficiency.

Cloud Computing Training | CipherSchools & LPU **Jan 2025 – Feb 2025**

Completed a training program on cloud computing fundamentals, deployment models, and service management.

Projects

DiagnoChat – Intelligent Disease Prediction Chatbot **Ongoing**

- Created an Android application that interacts with users to identify probable diseases based on described symptoms.
- Implemented a multi-class classification model trained on 240K+ entries covering 773 diseases and 377 symptoms.
- Connected Flask-based backend API with a user-friendly chat UI for real-time symptom input, prediction processing, and automated responses.
- GitHub Repository Link: **https://github.com/Priyanshu2763/DiagnoChat**

Incident Tracker – Android App for Logging and Managing Reports **Mar 2025 - Apr 2025**

- *Built an Android app to record, categorize, and track user-reported incidents efficiently.*
- Crafted a clean UI using fragments with real-time updates and structured navigation.
- Leveraged local data storage for offline access and persistent incident history.
- GitHub Repository Link: **https://github.com/Priyanshu2763/IncidentTrackerApp**

Combining Autocorrect, Spellchecking, and Named Entity Recognition **Sep 2024 - Nov 2024**

- Developed a Python-based machine learning model using a Kaggle dataset to predict house prices.
- Implemented probabilistic and sequence models to enhance accuracy and efficiency. Utilized the Shakespeare dataset from Kaggle
- GitHub Repository Link: **https://github.com/Priyanshu2763/natural-language-processing-term-paper**

Food Recommendation System Based on Nutritional Values **Sep 2024 - Oct 2024**

- Made a recommendation system that suggests food items based on nutritional content.
- Utilized a K-Nearest Neighbors (KNN) model with cosine similarity as the distance metric.
- Preprocessed textual (ingredients) and numerical (calories, protein, carbs) data using TF-IDF and StandardScaler.
- GitHub Repository Link: **https://github.com/Priyanshu2763/Machine-Learning-2-term-paper**

Technical Skills

Languages C++, Java, Python

Database MySQL, MongoDB

Technologies/Frameworks:, Git, GitHub, Ubuntu,VS Code, Flask, TensorFlow,NLTK,Seaborn,Scikit-learn

Skills: Data Structures and Algorithms, Problem-Solving, Machine Learning, Android Development,Cloud Computing

Certifications

Cloud Computing – NPTEL (Jan – Apr 2025)

Education

Lovely Professional University Punjab **2022 – 2026**
Computer Science and Engineering — CGPA: 7.31 *Punjab, India*

DAV Public School, G.N., CCL **2020 – 2021**
12th with Science — Percentage: 78.4% *Jharkhand, India*

DAV Public School, G.N., CCL **2018 – 2019**
10th with Science — Percentage: 81.8% *Jharkhand, India*