Neha Jaiswal

LinkedIn: https://www.linkedin.com/in/neha-1jaiswal-/   Email: nj22260@gmail.com

Github: https://github.com/jaiswal-lpu   Mobile: +91 8887697896

SKILLS

Languages: C, C++, Python, Java

Technical Skills: Machine Learning, Natural Language Processing, Artificial Intelligence, Deep Learning.

Tools/Platforms: Git,GitHub, MySQL Server.

Soft Skills: Problem-Solving, Team Player, Adaptability.

TRAINING

Cipher Schools   Jun' 24 – Jul' 24

Flutter Development

- Build apps for Android, iOS, Web, and Desktop using a single codebase.
- Proficient in Dart language for developing Flutter applications.
- Integrated Firebase Authentication to allow users to sign in using Google and email/password.

PROJECTS

To Do List   Dec' 24

- This project is a simple **To-Do List App** that allows users to add, mark, edit, and delete tasks. It helps in task management and productivity.
- Implemented **Provider for State Management**, ensuring efficient UI updates whenever tasks are **added, removed, or marked as completed**.
- Integrated **Firebase authentication, push notifications, and cloud synchronization** to improve the app's functionality and enhance the user experience.

Cartpole Balancing Bot| *Python, ML*   Nov' 24

- **Implemented Reinforcement Learning** to train an agent for balancing a pole on a moving cart in the **OpenAI Gym** environment
- **Developed a Q-learning-based agent** that selects optimal actions (**left or right**) to maximize the balancing duration.
- **Used trial-and-error learning** to improve the agent's decision-making over multiple training episodes.

Advanced Named Entity Recognition| *Python, ML, NLP*   July' 24

- Implemented **Vector Space Models (Word2Vec, TF-IDF, Fast Text)** for feature extraction in **Named Entity Recognition (NER)**.
- Developed an **LSTM-based deep learning model** to enhance entity recognition accuracy.
- The combination of **Vector Space Models and LSTMs** improved the **NER accuracy** compared to traditional models

CERTIFICATIONS|CERTIFICATES

Cloud Computing | NPTEL   Dec' 24

IBM DevOps and Software Engineering | Coursera   Nov' 24

Flutter Development| Cipher Schools   July' 24

EDUCATION

Lovely Professional University   Phagwara, Punjab

Bachelor of Technology   Since August 2022

Computer Science and Engineering; CGPA: 6.86

S.S.P.S.Secondary School   Jaunpur, U.P.

Intermediate   Jun' 20 – Apr ' 22

Percentage:78.9%

Sarvoday Inter College   Jaunpur, U.P.

Matriculation   Jun' 19– May' 20

Percentage:87%