

Neha Jaiswal

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SKILLS

Languages:	C++, Java, Python, HTML, CSS
Tools/Platforms:	Git, GitHub, MySQL Server
Soft Skills:	Problem-Solving, Teamwork, Adaptability, Quick Learner

PROJECTS

To Do List

Oct 2024 – Nov 2024

- 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 **Firestore authentication, push notifications, and cloud synchronization** to improve the app's functionality and enhance the user experience.

Cartpole Balancing Bot | Python, ML

May 2024–Jun 2024

- 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

April 2024–May 2024

- 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

Summer TRAINING

Geeks for Geeks| Data Structure and Algorithm

Jun' 2024 – Jul' 2024

- 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.

CERTIFICATES

IBM DevOps and Software Engineering coursera	Nov' 2024
Cloud Computing NPTEL	Oct' 2024
Flutter Development Cipher Schools	Jun' 2024
SQL for Data Science Great Learning	Jan' 2024
Python Programming HackerRank	Feb' 2023

EXTRACURRICULAR ACTIVITIES

Community development Project – NGO

Jun'2023–Jul' 2023

- Helped in fundraising initiatives and community outreach programs to support the old-age home's operations.
- Coordinated with healthcare professionals and volunteers to ensure timely care and support services.

EDUCATION

Lovely Professional University

Phagwara, Punjab
Pursuing

Bachelor of Technology
Computer Science and Engineering; CGPA: 6.85

S.S.P.S.Secondary School

Jaunpur, U.P.
Mar' 2021 – May' 2022

Intermediate
PCM; Percentage: 78.4%

Saint Joseph's School NTPC

Jaunpur, U.P.
Mar' 2019– May' 2020

Matriculation
Percentage: 87%