# Megha Mittal

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## EDUCATION

**NIIT university** – B. Tech in Computer Science — *Rajasthan, India*
- 9.43/10.00 CGPA, Specialized in Data Science — *2021-25*
**Birla Shishu Vihar** – Senior Secondary Education (CBSE) — *Rajasthan, India*
- 94.4 % — *2020*
**Birla Shishu Vihar** – Secondary Education (CBSE) — *Rajasthan, India*
- 90.8 % — *2018*

## SKILLS

- **Programming Languages:** Python, HTML, CSS, JS
- **Spoken Languages:** English [fluent], Hindi [Fluent]
- **Frameworks and Tools:** Git, GitHub, Linux, MySQL, PostgreSQL, ExpressJS, ReactJS, NodeJS, Hadoop
- **Soft Skills:** Punctual, Team player, Time management, Organized
- **Data and Analytical Skills –** Machine Learning, Statistics

## CERTIFCATION

- **Programming Essentials in Python, Cisco Networking Academy**
- **Python: Master Programming and Development**
- **The Web Developer Bootcamp, Colt Steele (Udemy)**

## PROJECTS

**1) Recommender System**
Designed and implemented a robust hybrid recommendation model combining using Singular Value Decomposition and Neural Collaborative filtering methods. Achieved significant accuracy improvements, enhancing user engagement.

**2) Stock Market Prediction**
Analysed historical AAPL stock data and employed models like ANN, RNN, and LSTM for price prediction. Utilized Python, TensorFlow/Keras, Scikit-Learn, and data visualization tools for implementation.

**3) Localizer – Smart Navigation and Monitoring of Students**
Link- https://localizer.cyclic.app/
Created a comprehensive student tracking system leveraging RFID for indoor monitoring and GPS for outdoor tracking. Later developed a full-stack application to further enhance tracking capabilities.

## ACHIEVEMENTS & EXTRACURRICULARS

- Led the Design Team at GDSC NU, organized the Google Cloud Study Jam 2023, elevating NIIT University to Tier-1 status and securing multiple accolades and prizes.
- Member of the PSAB (President Student Advisory Board).
- Awarded 1st prize at the Tech-Fair of siNUsoid v6.0, the tech-fest of NIIT University, for the innovation.
- Won the first prize in the Hacktronics of siNUsoid v6.0
- Won the first prize in Hackathon of siNUsoid v7.0
- An avid badminton player, finalist of open tournament ( in women category ).