

Parvatini Manideep

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Training

Attended Training Workshop on Robotics

Dec 2023

Lovely Professional University training

- Learned about Robotic joints, Configuration, Architecture.
- Gained knowledge on working range and features of ABB IRB 120.
- Learned about application called ONSHAPE software.

GeeksforGeeks - Self-Paced DSA Course

June 2024 - July 2024

Completed a self-paced Data Structures and Algorithms course, gaining hands-on experience in projects

- Developed an AI-powered Tic Tac Toe game utilizing the Minimax algorithm for optimal move prediction.
- Enhanced problem solving abilities and algorithmic efficiency through extensive practice and implementation of C++.

Projects

Book Recommendation System | Python, ML, Data Visualization

Feb 2024 – Apr 2024

- Developed a Book Recommendation System using K-Nearest Neighbors(KNN) to suggest books based on user choice.
- Processed a dataset of books, rating, and reviews using Pandas and Numpy for feature extraction.
- Applied MinMax Scaling and one-hot encoding for preprocessing categorical data as rating and languages.
- Github: <https://github.com/Manideep2k4/book-recommendation-system.git>

Next Word Generator | Python, NLP, Embedding's

Jul 2024 – Aug 2024

- Developed a NLP-based Next word prediction model using Long Short-Term Memory networks to generate contextually relevant next words based on input text.
- Implemented word embedding and sequence padding to improve the model's ability to understand and predict words effectively and applied Adam optimizer to enhance training efficiency.
- Achieved an accuracy of **75.5%**, demonstrating effective sequence learning and text generation capabilities.

Github: <https://github.com/Manideep2k4/next-word-generator.git>

Certificates

Generative AI Primer

Sep 2023 – Oct 2024

[Coursera](#)

Cloud-Computing

Oct 2024 – Nov 2024

[NPTEL](#)

Data Structures and Algorithms

Jun 2024 – Jul 2024

[GeeksforGeeks](#)

Extra-Curricular Activities

Club Cadence

Dec 2023

- Participated in various events, seminars like "Bridging the gap" while Capturing the moments.
- Planned events like Cadence Virtuoso Flow Studio and Samsung Foundry.

Technical Skills

Languages: Java, Python, C++

Technologies/Frameworks: Git, GitHub, Html, Css

Skills: Data Structures and Algorithms, Problem-Solving.

Soft-Skills: Leadership, Adaptability, Time Management, Team Collaboration.

Education

Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering — CGPA: 6.0

Phagwara, Punjab

Sri Chaitanya College

2020 – 2022

Intermediate — Percentage: 74.20%

Hyderabad, Telangana

Sri Chaitanya Techno School

2011 – 2020

Matriculation — CGPA: 10

Hyderabad, Telangana