NIKHIL GOYAL

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Education

M.B.M University   **Jodhpur, Rajasthan**
Bachelors Of Engineering (B.E.) in Information Technology CPI-7.76   *June 2021-June 2025*

Kendriya Vidyalaya GGC   **Gangapur City, Rajasthan**
CBSE (Class XII), Aggregate: 88.60 %   *April 2019-March 2020*

Kendriya Vidyalaya GGC   **Gangapur City, Rajasthan**
CBSE (Class X), Aggregate: 84.60 %   *April 2017-March 2018*

Technical Skills

Programming Languages: C/C++, Python
ML Frameworks: TensorFlow, PyTorch, Scikit-learn, Flask, Django, Streamlit, Matplotlib, Seaborn
AI & ML Techniques: Gen AI, Deep Learning, Prompt Engineering, NLP, OpenCV
Version Control: Git, GitHub
Computer Fundamentals: Data Structures & Algorithms, DBMS, SQL, OS

Work Experience

Machine Learning Intern   **June 2023 - July 2023**
Rites Limited-Government of India Enterprise, Gurgaon
* Developed and deployed a Railway Track Fault Detection System using a deep learning algorithm for automatic fault detection.
* Attaining a detection accuracy of 93.28% on the full dataset.

Gen AI Intern   **April 2024 - July 2024**
Anti AI Pvt Ltd, Jaipur
* Created an AI Outfit Try-On App prototype enabling users to upload images and virtually try on outfits.
* Utilized open source VITON model , Generative Adversarial Networks (GANs) and Style Transfer algorithms to impose outfits onto the user's uploaded image.

Training and Placement Cell   **April 2023 - April 2024**
Coordinator, MBM University Jodhpur
* Established a mentorship program connecting more than 300 students to industry professionals; facilitated career development discussions which increased internships and placements by 30%.

Google Developer Student Club Lead (AI Domain)   **June 2023 - April 2024**
GDSC MBM, Jodhpur
* Spearheaded the Google Developer Student Club (GDSC), increasing membership by 40% and fostering a collaborative tech community.
* Organized 12+ workshops, coding competitions, and tech talks, which enhanced 200+ members' skills in software development, cloud computing, and emerging technologies.

Personal Project

Movie Recommender System - LINK
* This project uses NLP algorithms ML frameworks like nltk and scikit learn.Achieved a recommendation accuracy of 87.92%.
* Secured 1st position out of 10 teams in the Neural Showdown challenge at Encarta Techfest, MBM University.

Malware Detection using Deeplearning - LINK
* Implemented using deep learning algorithms to identify malicious APK files.Reached 91.65% accuracy in detecting input files,Deployed the model on render cloud server using the Streamlit framework, enabling user-friendly access and interaction.

Certificates

Supervised Machine Learning (By Coursera) - LINK

Advanced Machine Learning Algorithms (By Coursera) - LINK

Unsupervised Learning, Recommenders, Reinforcement Learning (By Coursera) - LINK

Acomplishments

* Achieved 296th position in Amazon ML Challenge 2023 among 6000 teams. (May 2023)
* 200+ question solved on codechef and Leetcode(a well known platform for practicing competitive programming and DSA)