Nikhil Chadha

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EDUCATION

Thapar Institute of Engineering and Technology, Patiala	CGPA: 7.83
Bachelor of Engineering in Computer Engineering	*Sep. 2021 – Present*
Swami Sant Dass Public School, Jalandhar	94.2%
PCM – CBSE, AISSCE	*2021*
Swami Sant Dass Public School, Jalandhar	96.4%
CBSE, AISSE	*2019*

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/CSS, SQL
Data Analytics: Power BI, MS Excel Data Cleaning, Data Transformation, Data Visualization
Frameworks: Django
Database: MYSQL, SQLite
Developer Tools: Git, Github, VS Code, Visual Studio, Jupyter Notebooks, Kaggle
Soft Skills: Leadership, Time Management, Adaptability, Public Speaking, Problem Solving

PROJECTS

PowerSight ⬈ | *Python, Django, MySQL, CV, ML* — Jan 2024-Present
- Implemented LSTM neural networks for accurate electricity consumption prediction
- Implemented user-friendly dashboards using Django, enhancing accessibility and UX
- Leveraged OpenCV to streamline visualization of meter readings

Airline Tweet Analyser ⬈ | *Python, Streamlit, Plotly-Express* — Mar 2024
- Developed interactive Streamlit dashboard for sentiment analysis.
- Processed airline tweets dataset using pandas and numpy.
- Visualized data with Plotly Express and wordcloud.

Thapar Sports Management System ⬈ | *Python, HTML, Css, Mysql, Django* — May 2023
- Developed the backend using Django models, views, and forms
- Enables users to equip sports equipments at campus
- Backend is made using MySQL

ACHIEVEMENTS

ETL Data in Power BI ⬈: Learned ETL and received certification by Microsoft
Harnessing the Power of Data with Power BI ⬈: Completed all assignments and received certification by Microsoft
Preparing Data for Analysis with Microsoft Excel ⬈: Created workbooks and received certification by Microsoft
How to Visualize Research Data in Tableau ⬈: Completed all tasks and received certification by Coursera
Leetcode ⬈: Solved over 200 questions
Aws Cloud Development Course ⬈: Received Digital Badge and Completion certificate for Aws Academy Graduate
Web-Gamedev ⬈: Received Second Prize in 7 Day long Web GameDev Bootcamp

EXPERIENCE/ POSITION OF RESPONSIBILITY

Core Member	June 2022 – Present
Indian Society for Technical Education	*TIET, Patiala*

- Managed various Designing projects as well as website
- Addressed over 200+ students on various Tech Projects
- Conducted technical workshops for the society and part of various society events