Nikhil Chadha

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EDUCATION

Thapar Institute of Engineering and Technology, Patiala	CGPA: 7.91
Bachelor of Engineering in Computer Engineering	*Sep. 2021 – Present*
Swami Sant Dass Public School, Jalandhar	94.2%
PCM – CBSE, AISSCE	*Mar. 2021*
Swami Sant Dass Public School, Jalandhar	96.4%
CBSE, AISSE	*Mar. 2019*

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/CSS, SQL
Frameworks: Django, React, NodeJS, BootStrap
Data Analytics: Power BI, MS Excel, Data Cleaning, Data Transformation, Data Visualization
Database: MYSQL, SQLite
Developer Tools: Git, Github, VS Code, Visual Studio, Jupyter Notebooks, Kaggle

PROJECTS

PowerSight ☑ | *Python, Django, MySQL, CV, ML* — Jan. 2024-Present
- Implemented LSTM neural networks for accurate electricity consumption prediction
- Designed user-friendly dashboards using Django, enhancing UX and increasing user engagement by 30%
- Leveraged OpenCV to streamline visualization of meter readings, reducing manual reading errors by 50%

Airline Tweet Analyser ☑ | *Python, Streamlit, Plotly-Express* — Mar. 2024
- Developed interactive Streamlit dashboard for sentiment analysis,achieving a 25% increase in user engagement.
- Visualized data with Plotly Express and wordcloud, enhancing clarity and generating insights 50% faster

Thapar Sports Management System ☑ | *Python, HTML, Css, Mysql, Django* — May. 2023
- Enabled users to equip sports equipment on campus, increasing utilization rates by 25 %
- Developed backend using Django models, views, and forms
- Managed MySQL database for backend

Appointment Reminder ☑ | *Python, HTML, Css, Javascript, Mysql, Django* — Jul. 2023
- Engineered a robust web app with reminder functionality for critical tasks & meetings, resulting in a 40% reduction in missed deadlines and a 25% increase in work productivity.
- Implemented email notifications to remind users

ACHIEVEMENTS

Leetcode ☑: Solved over 300 questions
ETL Data in Power BI ☑: Certification by Microsoft
Harnessing the Power of Data with Power BI ☑: Certification by Microsoft
How to Visualize Research Data in Tableau ☑: Certification by Coursera
Aws Cloud Development Course ☑: Digital Badge and Completion certificate for AWS Academy Graduate
Web-Gamedev ☑: Second Prize in 7-Day long Web GameDev Bootcamp

EXPERIENCE/ POSITION OF RESPONSIBILITY

Core Member	Jun. 2022 – Jun. 2023
Indian Society for Technical Education	*TIET, Patiala*

- Managed various Design and website Projects with 3 team mates
- Participated in society events and conducted technical workshops with 200+ students

Tech Lead	Jun. 2022 – Mar. 2023
Gaming Geeks	*TIET, Patiala*

- Managed the main website and event websites of the society with 2 team members
- Handled various Social Media platforms of the society with over 1000 followers