





Nikhil Chadha

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EDUCATION

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

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  <i>Python, Django, MySQL, CV, ML</i>	Jan. 2024-Present
<ul style="list-style-type: none">Implemented LSTM neural networks for accurate electricity consumption predictionDesigned 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  <i>Python, Streamlit, Plotly-Express</i>	Mar. 2024
<ul style="list-style-type: none">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  <i>Python, HTML, Css, Mysql, Django</i>	May. 2023
<ul style="list-style-type: none">Enabled users to equip sports equipment on campus, increasing utilization rates by 25 %Developed backend using Django models, views, and formsManaged MySQL database for backend	
Appointment Reminder  <i>Python, HTML, Css, Javascript, Mysql, Django</i>	Jul. 2023
<ul style="list-style-type: none">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 <i>Indian Society for Technical Education</i>	Jun. 2022 – Jun. 2023 <i>TIET, Patiala</i>
<ul style="list-style-type: none">Managed various Design and website Projects with 3 team matesParticipated in society events and conducted technical workshops with 200+ students	
Tech Lead <i>Gaming Geeks</i>	Jun. 2022 – Mar. 2023 <i>TIET, Patiala</i>
<ul style="list-style-type: none">Managed the main website and event websites of the society with 2 team membersHandled various Social Media platforms of the society with over 1000 followers	