

Khushboo Modi

+91-7014032904 | khushboomodi947@gmail.com | [LinkedIn](#) | [Github](#)



EDUCATION

Thapar Institute of Engineering and Technology
Bachelor of Technology in Computer Science and Engineering
CGPA: 9.71

Patiala, Punjab, India
Sep. 2022 – May 2026

JMK Public Senior Secondary School
Senior Secondary Schooling(PCM)
Class 12 CBSE Score : 96.20%

Bikaner, Rajasthan, India
May 2020– April 2021

EXPERIENCE

Member | Creative Computing Society, TIET

June 2023 – Present

- Was a part of the organising team of TIET's largest hackathon HackTU 5.0 with over 3000+ registrations from all over the country
- Actively involved in the planning & execution of variety of events across various domains like AI/ML, business ideation, UI/UX etc.

Member | Paryavaran Welfare Society, TIET

June 2023 – Present

- Organised and actively participated in environmental campaigns like plantation campaigns, automobile exhibition and Pollution check camp etc.
- Conducted rallies and workshops about pressing environmental issues like climate change, decarbonisation, renewable energy etc. to raise awareness among the students

PROJECTS

LexIntelAI | Python, Javascript

- Currently working on this project for streamlining the legal system using AI in a team of 4, improving access to justice, and making the legal process more efficient
- Developing a language model to update past court judgements to new criminal bills. Additionally creating a chatbot to assist with queries

SentinelAI | Python, TensorFlow, Transformers, Pandas

[Code](#)

- Developed an AI based model that could analyse CCTV camera feeds and aid police in detecting crime
- Contributed in fine-tuning a Large Language Model for detecting and tagging suspicious conversations in lockups

OTHER ACHIEVEMENTS

ICBEB 2024 | Under Review

Submitted research work on utilizing Deep Learning for detecting Cardiovascular Disease from eye images

JPMC Software Engineering Job Simulation | Forage | [Certificate](#)

Participated in an immersive simulation designed to replicate real-world challenges faced by software engineers at JPMorgan Chase & Co.

HACKATHONS

Techacks 4.0 | 2nd Runner Up | [Certificate](#)

January 2024

- Participated in this hackathon backed by Major League Hacking(MLH) in a team of 4 and stood as *2nd Runner Up*
- Worked on the problem statement *crime detection using AI* and developed a solution for the police personnels to identify crime and track criminals in an efficient way using advanced AI models

Smart Punjab Hackathon | Top 10 Finalists

November 2022

- Participated in this hackathon in a team of 4 and worked on the theme of sustainable agriculture
- Analysed various datasets related to crop production, soil composition, groundwater depletion etc. to predict most profitable crop for a particular piece of land

SKILLS

Programming Languages: Python, C/C++, SQL

Technologies: ML/AI, Deep Learning, Image Processing

Frameworks: TensorFlow, Transformers

Developer Tools: Git, VS Code, PyCharm

Libraries: pandas, NumPy, Matplotlib

Soft Skills: Communications & Presentation, Decision Making, Leadership, Problem Solving, Time Management

Languages known: English, Hindi, Punjabi