TARNEET SINGH

Delhi, India

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EDUCATION

GL Bajaj Institute of Technology and Management *11/2022 - 08/2026*
*B.TECH (Artificial Intelligence and Machine Learning) - **CGPA - 8.0*** *Greater Noida, India*

Sneh International School *04/2019 - 05/2022*
*12th Boards(C.B.S.E) - **Percentage - 88%*** *Delhi, India*

TECHNICAL SKILLS

Programming Languages: Python, Java, C, **C++**, SQL
Developer Tools: VS Code, Android Studio, Jupyter, PyCharm
Frameworks: GitHub, Flutter, **OpenCV**, Generative AI, AWS, Scikit-learn, Tensorflow
Non - Technical Skills: Team Building, **Leadership**, Brainstorming, **Problem Solving**, Researching, Troubleshooting, Critical Thinking, Quick Learner, **Strong Communication Skills**.

PROJECTS

Brain Tumor Detection ↗ | TensorFlow, Keras, OpenCV, NumPy, Scikit-learn **08/2024**
- Developed a **comprehensive** Brain Tumor Detection System leveraging **machine learning** and image processing to **classify tumor** types, recommend specialists, and provide detailed **diagnostic** insights.
- Achieved 90% accuracy using a dataset of **250+ MRI** images with data augmentation to enhance model.

Unique Minds Connect ↗ | Python, OpenCV, Tkinter, Django, MatPlotlib **09/2024**
- Designed and developed an **AI-powered learning platform** tailored for neurodiverse students, integrating games, assessments, and **emotion-based learning** tracking using OpenCV and a trained **Machine Learning model**. .
- Enabled **personalized learning experiences** by analyzing students' emotions and progress to recommend suitable activities, fostering engagement and **improving educational outcomes**.

AI for Code De-obfuscation ↗ | Next.js, Typescript, Tailwind CSS, Python, Open AI API **04/2025**
- Developed a **full-stack** web app that leverages **AI** to **de-obfuscate**, **analyze**, and **summarize code**, enhancing developer productivity by **40%** with modular **AI** flows like **security analysis** and obfuscation reversal, powered by **OpenAI's** GPT models. .
- Built a **responsive UI** optimizing performance through **dynamic imports**, lazy **loading**, and **prefetching**, achieving a **30%** reduction in load times and ensuring scalability with **flow-based architecture** for seamless tool integration.

EXPERIENCE

Adishri Productions **03/2024 - 08/2024**
Application Developer *Delhi, India*
- Developed mobile apps using **Flutter** for the company's digital projects, focusing on delivering intuitive and **visually appealing** user interfaces. **.**
- Worked with a team in the implementation of a set of **features** and **functionalities** corresponding to the requirements put forward by the proposed project.

ACHIEVEMENTS

- **TEDx GL Bajaj Organizer**
- **Co-Head Placement Representative**
- 2x Bharat Shiksha Expo **Hackathon Winner** ↗
- Runner-Up in **Bit Code** June Coding Contest on Hacker-rank ↗
- 2nd Runner-Up in **Innov8x** Coding Challenge ↗
- Solved More than 500+ Questions on **Leetcode** ↗

CERTIFICATIONS

- **Amazon AWS** - AIML Virtual Internship
- **Cisco** - Introduction to cyber security
- **Microsoft Azure** - Ambassador Challenge Azure Fundamentals