

# Akshita Singh

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Delhi, India

. Driven by a passion for AI, ML, web development, and DSA. Seeking a growth-focused role to apply technical skills, build impactful solutions, and keep learning in a dynamic environment.

## Education

- **IGDTUW, Delhi** 2023 – 2027  
*B.Tech in Electronics and Communication with Specialization in AI* CGPA: 7.41 / 10
- **National Victor Public School, Delhi** 2023  
*Class XII – CBSE* Percentage: 91.4%
- **National Victor Public School, Delhi** 2021  
*Class X – CBSE* Percentage: 95.6%

## Projects

- **Mental Health Twitter Sentiment Analysis** May 2024  
*Python, Scikit-learn, Pandas*  
– Built ML model classifying mental health tweets with 84% accuracy.
- **DSA Visualizer – Algorithm Animation Tool** April 2024  
*Python, Tkinter*  
– GUI tool to animate and visualize sorting algorithms.
- **Netflix Homepage Clone** June 2025  
*HTML, CSS, JS*  
– Responsive Netflix UI clone using Flexbox and animations.
- **Personal Web Portfolio** July 2025  
*HTML, TailwindCSS, JS*  
– Deployed site to showcase resume, projects, and skills.

## Certifications & Hackathons

- Python + ML Internship – Centre of Excellence (IGDTUW) Jun–Jul 2024
- Participated in WWT All-Girls Hackathon – AI Web App Jun 2025
- Participated in Sparkathon – IoT Solution Prototype Jul 2025

## Publication

- “A ML-Based Approach to Analyze Mental Health Sentiments on Twitter” [ Research Paper- Jun 2024]

## Technical Skills

- **Languages:** Python, C, C++, JavaScript, HTML, CSS
- **Tools/Libraries:** Git, Scikit-learn, Tkinter, Matplotlib, TailwindCSS
- **Concepts:** DSA, OOP, DBMS, ML Basics