

TANISHQ RAWAT

Software Engineer

[Website](#) | [Github](#) | [Leetcode](#) | [LinkedIn](#) | tanishq24.rawat@gmail.com | [+919315322133](#) | [New Delhi, India](#)

EDUCATION

Senior Secondary Education (CBSE 10+12th) | PCM+C.S
Bharti Public School

Graduated in July 2022

Bachelor of Technology (B.Tech.) | Artificial Intelligence and Machine Learning (AI-ML)
Vivekananda Institute of Professional Studies (GGSIPU)

-Ongoing (2022-26)

SKILLS & TECHNICAL TOOLS

Languages: Python, C, C++, Java, JavaScript (basic), SQL, HTML, CSS

CS Fundamentals: Data Structures & Algorithm (DSA), OOPS, DBMS, Computer Networks

Technical Stack: Pandas, NumPy, Scikit learn, Matplotlib, Seaborn, MySQL, PostgreSQL, MongoDB

Machine Learning: Supervised, Unsupervised, Predictive Modeling, Statistics, Exploratory Data Analysis (EDA), Data Cleaning, Data Visualization, Model Deployment, NLP for machine learning.

CERTIFICATIONS & TRAINING

[DSA & Web Development](#) @ AccioJob

July – August 2024

- Completed hands-on training in DSA, OOPS, DBMS, and Web Development using Java and JavaScript.
- Solved over 100+ coding problems on LeetCode and gained exposure to real-world development workflows & Git.

[Full Stack Development](#) @ Internshala

August – Sept. 2024

- Developed understanding of client requirement analysis and product-market fit.
- Worked on mock projects simulating web development and digital marketing challenges.

[Cyber Security & Ethical Hacking](#) @ CRAW Security

June – July 2025

- Trained in Cyber Security, including ethical hacking and penetration testing using Wireshark, Burp Suite, and Kali Linux.
- Worked with Wireshark, Burp Suite, and Kali Linux to analyze vulnerabilities in web and data systems.

[Cyber Security Job Simulation](#) @ Deloitte

August 2025

- Completed Deloitte Cyber Security Job Simulation, gaining exposure to real-world cyber risk analysis and security practices.

[Oracle Cloud Infrastructure - Data Science](#) @ Oracle

September 2025

- Covered end-to-end ML lifecycle on OCI, including model building, training, deployment, and MLOps.
- Gained proficiency in OCI Data Science services, Accelerated Data Science (ADS) SDK, & cloud-based ML workflow optimization.

PROJECTS

White - Board Hand Gesture Recognition System:

[Github](#)

Integrated real-time hand-gesture recognition into a digital whiteboard using deep learning for natural, intuitive interactions in online education.

- Computer Vision Libraries like OpenCV, Media Pipe, PyAutoGUI, TensorFlow/ PyTorch,
- GUI libraries – Tkinter (Python).

Web Security Scanner:

[Live Site](#) | [Github](#)

- Developed a full-stack Web Security Scanner app using Flask, HTML, CSS, and JavaScript to detect real-time vulnerabilities like SQLi, XSS, and open redirects.
- Implemented automated reconnaissance modules (WHOIS, DNS, subdomain discovery) and interactive dashboards for visualizing scan data and security trends.

AI/ML-Based Deepfake FaceSwap Detection System:

- Ongoing

- Developed an AI/ML-based system to detect FaceSwap deepfake videos using computer vision and deep learning techniques, achieving reliable classification performance on real-world datasets.

Portfolio:

[Live Site](#) | [Github](#)

- Developed a dynamic and responsive portfolio website using HTML, CSS, and JavaScript to highlight my education, skills, projects, and research papers. Integrated advanced interactivity, animations, and user-centric features to enhance the overall browsing experience and engagement.

2D Game Collection – HTML, CSS, JavaScript:

- Build a responsive [2-D Games](#) website featuring real-time logic, animations, sound effects, scoring systems, difficulty levels, AI logic, and puzzle mechanics
 - Rock Paper Scissors
 - Sudoku
 - Tic Tac Toe
 - E-commerce Website

[Live Site](#) | [Github](#)

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Campus Kart:

- Ongoing

- Co-developed *CampusKart* using Flutter, a campus-focused mobile app for juniors to buy second-hand essentials from seniors.
- Implemented secure peer-to-peer transactions; used Firebase, Cloud Firestore, and Figma for backend and UI design.