

TANISHQ RAWAT

Software Engineer

[Website](#) | [Github](#) | [LinkedIn](#) | tanishq24.rawat@gmail.com | +919315322133

EDUCATION

Senior Secondary Education (CBSE 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 platforms like LeetCode and HackerRank.
- Gained exposure to real-world project development workflows and Git collaboration.

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

July 2025 – Ongoing

- Underwent training in Cyber Security, including ethical hacking, malware analysis, and network security tools.
- Explored use of Wireshark, Burp Suite, and Kali Linux for penetration testing simulations.
- Studied methods to secure web applications and data systems against vulnerabilities.

PROJECTS

White - Board Hand Gesture Recognition System:

[Github](#)

Integrating hand gesture recognition into whiteboard applications enables natural, intuitive interactions, enhancing online education and collaboration with advanced deep learning for accurate gesture detection.

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

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 – Rock Paper Scissors

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

- Developed a 2D Rock Paper Scissors game using HTML, CSS, and JavaScript with real-time scoring and smooth animations.
- Currently enhancing features and performance as part of an ongoing 2D Games website project.
- Main Website – [2-D Games](#)

Campus Kart

- 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.

E-commerce Website

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

Interactive Quiz

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