

# TANISHQ RAWAT

## Software Engineer

[Website](#) | [Github](#) | [LinkedIn](#) | [tanishq24.rawat@gmail.com](mailto: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](#)