

KANISHKA BANSAL

kanishka6802bansal@gmail.com | +91-9306235242 | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

A highly motivated **B.Tech. IT student** with strong foundations in **Data Structures & Algorithms, Software Development, and Frontend Engineering**. Experienced in building responsive web interfaces and optimizing UI workflows using React and TypeScript. Seeking a **Software Developer / Frontend Engineer** role to apply problem-solving skills and modern UI development practices.

TECHNICAL SKILLS

- **Languages:** C, C++, Python, JavaScript, TypeScript, SQL, HTML/CSS
- **Frameworks/Tools:** React.js, TensorFlow, Git/GitHub
- **Core CS Concepts:** Data Structures & Algorithms, OS, OOP, DBMS, CN, Software Engineering
- **Soft Skills:** Communication, Teamwork, Problem-Solving, Critical Thinking, Adaptability

EXPERIENCE

- **Microsoft** May 2024 – June 2024
Noida, India
Software Engineering Intern
 - Built a **Personal Agent UI** within Microsoft Outlook using **React & TypeScript**.
 - Developed responsive, reusable UI components improving interface consistency.
 - Collaborated with engineers using Git/GitHub and Agile-based workflows.

PROJECTS

- **Skin Cancer Detection (TensorFlow, Python)** Feb 2025 – April 2025
Built a DenseNet201-based CNN model using ISIC 2024 dataset (401K+ images); achieved **94.63% accuracy**.
Developed modular pipelines for training and evaluation.
- **Movies Web App (React.js)** July 2023
Developed a web app to display movie details and ratings; added sorting/filtering features and improved render efficiency by **10%**.
- **Pomodoro Web App (HTML/CSS/JS)** Dec 2022
Created a productivity timer with auto break cycles and a clean UI for study workflows.

EDUCATION

- **National Institute of Technology, Kurukshetra** 2021 - 2025
B.Tech. in Information Technology; CGPA: 8.49
- **DAV Public School, Sirsa (CBSE)** 2019 - 2021
Class XII; 92%

ACHIEVEMENTS

- Two-time International Mathematics Olympiad top scorer.
- Solved **300+** **DSA problems** on GeeksforGeeks and Leetcode.
- Semi-Finalist, **HackShetra 2022**.

LEADERSHIP & ACTIVITIES

- Committee Head, Fine Arts Club — led and organized campus events with a 12-member team.
- School Cabinet Member — coordinated student initiatives and discipline operations.