

Ankit Singh

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EDUCATION:

- **Pranveer Singh Institute of Technology**, B.Tech. in Information Technology 2021 - 2025
- **Doon International School, Kanpur**, (Highschool & Intermediate) 2018 & 2020

SKILLS:

- **Languages:** Python, HTML/CSS, Java Script, SQL(Basic).
- **Technologies:** React js, Next.js, .NET, Lang Chain, Hugging Face, Pinecone, Cloudinary, EmailJS.
- **Tools:** Gemini API, GitHub, Postman, VS Code, Google Colab, Vercel.
- **Soft Skills:** Communication, Consistent, Leadership, Problem Solving, Teamwork.
- **Certifications:** Web Developer Bootcamp (Udemy), Young Professional (TCS iON Career Edge), Data Structures and Algorithms using Python from INFOSYS Springboard.

WORK EXPERIENCE:

Infosys Springboard Internship, Artificial intelligence Feb 2025 - Mar 2025

- Designed and debugged API workflows using Flask, ensuring proper data handling and error resolution.
- Collaborated in testing the image analysis outputs to verify consistency and improve detection logic.
- Integrated the Gemini AI API to enhance image analysis and provide accurate medical insights, addressing a 15-30% misdiagnosis rate in AI-powered systems.

PROJECTS:

Ankit Escapes Personal Travel Portfolio Website- Next.js, Tailwind CSS, Cloudinary, EmailJS [[LINK](#)] Jun 2025

- Built and deployed a personal travel portfolio website to document.
- Implemented dynamic photo and video galleries with Cloudinary, and integrated a live contact form via EmailJS.
- Features include themed sections for travel blogs, special moments, nature scenes, and a responsive design across devices.

Underwater Image Enhancement- Machine Learning, Python, OpenCV, Google Colab Nov 2024

- Applied Unsharp Masking Technique: Improved visibility of underwater objects by sharpening image details, resulting in a 35% increase in object detection accuracy.
- Implemented Principal Component Analysis (PCA) Fusion: Combined multiple images to enhance clarity and detail in underwater photographs, leading to a 40% improvement in image quality.
- Enhanced overall image quality and visibility, making underwater images 50% more suitable for analysis and interpretation.

ACHIEVEMENTS:

- 5-star at HackerRank in Python and 4-star at HackerRank in C.
- Earned Python Basic Certifications from HackerRank.
- Runner-Up of PSIT Tech Expo (Project-thon) 2022.
- Solved SQL 50 Questions on Leet Code.
- Solved 100+ Coding Questions On Various Platform.
- Worked as a Co-head of a College-level Event (IGNITIA-2k23).