




Dev Pratap Singh

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SKILLS

- Programming Languages: C++, Python, JavaScript
- Web Technologies: HTML, CSS, React
- Databases: MongoDB, SQL, DBMS concepts
- Relevant Skills: Data Structures and Algorithms
- Frameworks & Tools: Docker, Anaconda, Jupyter Notebook, Spyder, Arduino
- Programming Tools and IDEs: Git, GitHub, VS Code, Jupyter Notebook,

EDUCATION

- **Bachelor of Technology**
 - Pranveer Singh Institute of Technology, PSIT Kanpur (2022-2026)
- **INTERMEDIATE**
 - Kendriya Vidyalaya No.1 Armapur, Kanpur (2021-2022)
- **HIGHSCHOOL**
 - Kendriya Vidyalaya No.1 Armapur, Kanpur (2019-2020)

ACADEMIC PROJECTS

- ❖ **MEDSCAN AI** | Tech Stack: ML, DL, OpenCV, TensorFlow, NLP
 - Built and trained a CNN model to detect fractures from 10K+ X-ray images, and deployed it via a web interface for real-time medical use.
 - Implemented multi-threaded image processing using Python to reduce diagnosis time by 30%, enabling real-time feedback to users.
 - Integrated Google Maps API for locating 1K+ nearby doctors and stores.
 - Built a mental health analysis tool with 90% accuracy on 5K+ responses.
 - Designed a user-focused UI, cutting file processing time by 40%.
- ❖ **Discover Beyond** | Tech Stack: HTML, CSS, ML, MongoDB, Node.js [View](#)
 - Built an AI-powered travel platform analyzing 10K+ profiles with 95% recommendation accuracy.
 - Designed an interactive UI with personalized destination visuals, which improved user click-through and engagement (based on test user data).
 - Improved user satisfaction by 25% with a behavior-based recommendation engine.

CERTIFICATIONS

- AWS Cloud Practitioner Essentials [|CERTIFICATE](#)
- CSS3 [|CERTIFICATE](#)
- HTML5 [|CERTIFICATE](#)
- Programming Fundamentals using Python [|CERTIFICATE](#)

ACHIEVEMENTS / HOBBIES

- Love working on small frontend web apps to improve UI/UX skills
- Regularly practice DSA and coding problems on platforms like Leetcode and Hacker Rank.
- Passionate about combining AI with practical problem-solving.