**Dev Pratap Singh**

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[https://github.com/Dev-pratap-singh01 https://www.linkedin.com/in/dev-pratap-singh-393951298/](https://github.com/Dev-pratap-singh01%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20)

**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](https://travel-discover-nine.vercel.app/index.html)
  + 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](../OneDrive/Desktop/New%20folder/aws.pdf)

● CSS3 [|CERTIFICATE](file:///D:\certificate\certificate\css3.pdf)

● HTML5 [|CERTIFICATE](file:///D:\certificate\certificate\HTML5.pdf)

● Programming Fundamentals using Python [|CERTIFICATE](file:///D:\certificate\certificate\Programming%20Fundamentals%20using%20Python.pdf)

**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.