

# Priyanshi Singh Rathour

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## Summary

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Insightful computer science student who excels at Web development and RDBMS. Aiming to use my Excellent problem-solving and analytical skills that I have acquired from my coursework to satisfy my work at your organization and also willing to learn more from this opportunity

## Education

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**Pranveer Singh Institute of Technology | Kanpur, Uttar Pradesh**  
**Btech - Computer Science & Engineering | 07/2025**

- Currently completing courses in computer science & engineering
- 8.3 CGPA

## Skills

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C •Java •Python, •DSA •Operating System •Machine Learning •OOP'S •DBMS, •Html •CSS •Tailwind css •Javascript •node.js  
•React.js , computer network, Git, MySQL, NoSQL, Fast api, PHP, Flask

## Academic Projects

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### Result Analysis

**Technology Used:** HTML CSS Bootstrap MySQL PHP

- Assessed range-of-motion data to determine feasible solutions Used for the analyzing the student results according to the user requirements and generate the performance report of student.

### StyleLens

**Image-Based Virtual Try-on System using Deep Learning**

**Technology Used:** Deep Learning

- The primary goal is to empower users to virtually try on garments, assess fit, and visualize their appearance in different styles.
- Employing state-of-the-art deep learning methods, it overcomes challenges related to diverse body poses, accurate garment fit, and realistic fabric representation .

### CropGuard

**ML based Weed Identification and Precision Spraying**

**Technology Used:** CNN with UAV-imagery

- CNN-based model learns to automatically extract relevant features from the images
- The system offers a user-friendly interface for monitoring and suggesting which herbicide is to be used for a particular weed ensuring targeted weed control by identifying the weed species.

## Achievements

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Amazon CodeElevate Mentee'23 ( top 3), Participated in hackCBS -Hackathon, 450+ Questions on LeetCode, TECHGIG CODE GLADIATORS 2023 (SEMI-FINALIST), Internship at NeuroNexus

## Certificates

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Getting Started with Data Analytics on AWS Amazon, Supervised Machine Learning: Classification IBM, Supervised Machine Learning: Regression IBM, Unsupervised Machine Learning IBM