

# Ayush Pandey

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## CAREER OBJECTIVE

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A dedicated software engineering student with a passion for problem-solving and innovation. Proficient in languages like Python, Java, I thrive in collaborative environments where I can apply my technical skills to develop efficient and user-centric solutions. Eager to learn and adapt to new technologies, I am committed to contributing positively to projects and continuously expanding my knowledge in the dynamic field of software engineering

## EDUCATION

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### Pranveer Singh Institute of Technology, Kanpur

Kanpur, India

Bachelor of Technology in Computer Science & Engineering

November 2021 - August 2025

Percentage : 61.5 %

Relevant Coursework: Data Structures, Algorithms, Operating Systems, DBMS

### Swaraj India Public School

Kanpur, India

Intermediate ISC: 78.4%

04/2019 - 03/2020

### Swaraj India Public School

Kanpur, India

HighSchool , ICSE: 83.5%

04/2017 - 03/2018

## PROJECTS

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### Food Nutrition Management System

September 2023 - December 2023

- We developed a comprehensive system for managing and optimizing food nutrient intake for diverse user profiles.
- We created a database model in Machine Learning to match faces to images in the database, improving attendance accuracy by 90%.
- I worked on developing user registration and profile management with nutrient tracking and analysis with a personalized meal planning and recommendations.
- .Enhanced user engagement by 30% through personalized recommendations and improved dietary compliance by 25% with customized meal plans.
- Designed database schema and application architectureImplemented key features and conducted code reviews

### Herbal Recognition: ML-Driven Plant Identification

March 2024 - November 2024

- I am leading a project leveraging image processing and machine learning to tackle misidentification in Ayurvedic pharmaceuticals, resulting in a 35% reduction in erroneous product classifications and boosting consumer trust.

- We are developing a solution to accurately identify medicinal plants, benefiting the supply chain and reducing skepticism about Ayurveda.

## SKILLS

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*Java Programming proficiency	*Data Structures and Algorithms
*Python Programming	*Problem Solving
*C Programming	*Data Analysis
*SQL	

## CERTIFICATIONS

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- Programming Fundamentals in Python (2023)
  - Basics of Python
  - Data Structures in Python (2023)
  - Object Oriented Programming using Python
  - Deloitte Data Analytics Job Simulation Certificate
  - Gate 2025 Qualifier
  - Foundation Level in Programming and Data Science from IIT Madras

## Languages

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- Hindi
  - English