

Ayush Pandey

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CAREER OBJECTIVE

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

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

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 architecture Implemented 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

*Java Programming proficiency

*Data Structures and Algorithms

*Python Programming

*Problem Solving

*C Programming

*Data Analysis

*SQL

CERTIFICATIONS

- 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

- Hindi
- English