# Arpan Pandey

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## Career Objective

Detail-oriented software engineering graduate with a strong understanding of business requirements, Agile methodologies, and the software development lifecycle (SDLC). Skilled in coding, testing, and debugging with a focus on delivering quality solutions. Eager to apply theoretical knowledge to real-world projects, continuously learning and adapting to new technologies. Excellent communication skills and a proactive approach to problem-solving.

## Education

**Pranveer Singh Institute of Technology**                              **November 2021 – May 2025**
*B. Tech. Computer Science and Engineering*

**St. Aloysius High School**                              **April 2020 – April 2021**
*ISC Board*
Percentage: 82%

## Projects

**Twiggy** | **ML Engineer**                              **December 2024**

- Led the development of an image processing and machine learning solution to address misidentification issues in Ayurvedic pharmaceutics, reducing classification errors and enhancing consumer trust.
- **Tech stack:** Python, TensorFlow, Deep Learning, Machine Learning, MongoDB, Firebase.

## Skills

**Languages:** Python, C/C++, SQL.
**Tools:** VS Code, Git, GitHub.
**IT Constructs:** Data Structure and Algorithms, Object Oriented Programming, Database Management System.
**Others:** Adobe Lightroom, Canva.

## Achievements

- Completed **Programming Fundamentals using Python (part 1 and part 2)** on **Infosys Springboard (2023)**.
- Achieved **Tenth rank** in **Hackathon 3.0** in the **CSE Department** with the strength of **100+ participants (2022).**
- Completed **Introduction to Artificial Intelligence** on **Infosys Springboard (2024)**.
- Completed **Introduction to Data Science** on **Infosys Springboard (2024)**.
- Earned the title of **Best Table Topic Speaker** and **Best Role Player** at **Toastmasters International**, demonstrating outstanding **public speaking** and **quick-thinking skills** in competitive settings with **50+** participants **(2022).**
- Achieved a **5-star rating** in Problem Solving on **HackerRank**, demonstrating strong proficiency in data structures and competitive programming.
- Devised solutions for **100+** problems on Top Coding Platforms.