Anshika Pandey

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Objective

Engineering student specializing in Artificial Intelligence and Machine Learning with strong foundations in data structures, algorithms, and programming, seeking a software development opportunity to build scalable solutions, collaborate with engineering teams, and apply problem-solving skills to real-world systems.

Education

Bachelor of Technology - Artificial Intelligence & Machine Learning / 2023 –2027
Pranveer Singh Institute of Technology, Kanpur | **CGPA**: 8.1

Skills

Programming Languages: Python, Java
Core CS: DSA, DBMS, OOP
Data Science & ML: EDA, Feature Engineering, Model Evaluation
Libraries: NumPy, Pandas, Matplotlib, Scikit-learn
Databases: MySQL, MongoDB (Basics)
Developer Tools: Git, GitHub, VS Code, Postman
Concepts: REST APIs, ETL Pipelines (Basic)

Projects

AlgoMate - DSA Learning Platform | Python, REST APIs, Gemini API, Java, Git | **GitHub** | 2025

- Built a multi-language DSA learning platform supporting Python, Java, C++, and JavaScript execution via secure REST APIs.
- Integrated Gemini-powered AI assistant for real-time code explanation and debugging.
- Designed backend execution pipeline for safe and isolated code execution.

KrishiNex.AI - Smart Agriculture Assistance | Python, Scikit-learn, Pandas, NumPy, ML Models | **GitHub**

|2025

- Built an AI-powered system for soil analysis and crop recommendation for farmers.
- Achieved 90%+ model accuracy through data preprocessing, feature engineering, and tuning.
- Integrated an AI chatbot for real-time agricultural insights and suggestions.

Certificates / Achievements

- Achieved a top **2%** global rank (489/27,939) in LeetCode Biweekly Contest #168.
- Solved 400+ LeetCode problems (strong DSA proficiency).
- Achieved 5 stars in Problem Solving, SQL and Python on HackerRank.
- Career Essentials in Generative AI – Microsoft & LinkedIn (2024)
- Yuva AI for All – TCS iON (2026)
- Completed Software Engineering Job Simulation – J.P. Morgan Chase (Forage) (2024)
- Intro to SQL – Kaggle (2025)

Soft Skills

- Problem Solving   • Quick Learning   • Adaptability   • Clear Communication