Pranay Pandey

Computer Science Engineering Student
(Delhi Technological University)

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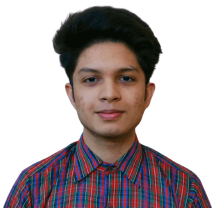

Education

Delhi Technological University (DTU) **2023–2027**
Bachelor of Technology (B.Tech.) in Computer Science Engineering *CGPA: 7.5*

Sant Gyaneshwar Model School **2021–2023**
CBSE Class XII *Grade: 83.6%*

Hansraj Model School - Punjabi Bagh **2009–2021**
CBSE Class X *Grade: 94%*

Technical Proficiencies

Core Programming Skills: Java (**DSA**), Python (**ML**), C++, C
Database Technologies: MongoDB, MySQL
Machine Learning: Pandas, NumPy, SciKit-Learn, PyTorch, TensorFlow (Keras), OpenCV
Advanced AI & NLP Tools: Hugging Face Transformers, LangChain, GPT-Neo, StyleGAN
Web Development: HTML, CSS, JavaScript, Bootstrap, React, Node.js, Express.js, GraphQL

Coursework:
Computer Networks, Operating Systems, Computer Architecture and Organization, Object-Oriented Programming Systems, Database Management

Skills:
Strategic Planning, Critical Thinking, Leadership, Conflict Resolution, Presentation, Interpersonal Communication and Team Collaboration

Achievements & Certifications (LinkedIn_Link)

- **2nd Position in Adobe AI-Hackathon (InvictusDTU 2023):**
  *Engineered a **Document Classification ML Model** to enhance document processing.*
- **Machine Learning Specialization by DeepLearning.AI and Stanford University :**
  *Mastered **Supervised Learning**, **Unsupervised Learning**, and **Advanced Algorithms**.*
- **Deep Learning Specialization by DeepLearning.AI :**
  *Mastered **NN - Deep Learning**, **Sequence Models**, and **Convolutional Neural Networks**.*
- Solved **250+ LeetCode Questions**, enhancing proficiency in **DSA-Java** and **Problem Solving**.
- Completed **A2Z DSA Course-Sheet** by **TUF-Striver**.

Projects

AI-Powered Chatbot for Customer Support
Technologies: Python, Transformers (NLP), Flask, MongoDB
– Built an AI-based chatbot to explore NLP fundamentals, sentiment analysis, and API handling.
– Integrated and implemented sentiment detection achieving **95% accuracy** on curated test data.

Computer Vision Model Implementations
Technologies: Python, OpenCV, TensorFlow, Keras
– Object and Hand Gesture Recognition models to understand CNN-based pipelines and processing.
– Achieved **85–92% accuracy** in test environments, optimizing performance for real-time responsiveness.

Unified Web Platform with AI Features
Technologies: React, Node.js, Express.js, MongoDB, Python
– Developed a multi-functional platform combining social, e-commerce, and logistics modules.
– Integrated AI-based content personalization and tested architectural decisions for service interoperability.

SQL Data Summarization with Machine Learning
Technologies: Python, SQL, Scikit-learn, Pandas
– Built automated summarization tool for structured SQL data using supervised ML techniques.
– Applied classification and regression extracting insights, achieving consistent accuracy on diverse samples.