

PUNEET UPADHAYAY

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[Github](#) ◇ [Portfolio](#) ◇ [Leetcode](#) ◇ [LinkedIn](#)

EDUCATION

B.Tech, Information Technology

Grade: 8.94

Akhilesh Das Gupta Institute of Professional Studies, GGSIPU

TECHNICAL SKILLS

Programming	Python, C++, JavaScript
Data	Pandas, NumPy, SQL
Tools	Git, VSCode, REST APIs
Web / Fullstack	React, Next.js, Node.js, Express, MongoDB, Postgre SQL
Problem Solving	Data Structures & Algorithms

PROJECTS

[HyperTuneML — ML Hyperparameter Tuning Platform](#)

Sep 2025 – Oct 2025

- Built a Streamlit application for dataset upload, preprocessing, and automated grid/random search with k-fold validation, and added comparison dashboards to display accuracy, F1 scores, and loss trends for selecting the best-performing model.
- **Tech:** Python, Streamlit, scikit-learn, pandas, matplotlib

[Automated Sales Analytics & Forecasting System](#)

Jul 2025 – Aug 2025

- Implemented a real-time sales analytics pipeline with KPI computation, trend analysis, and Z-score anomaly detection. Added automated forecasting and alert workflows using a task scheduler for continuous metric monitoring and report generation.
- **Tech:** Python, Streamlit, pandas, NumPy, Plotly, scikit-learn, Faker, Prophet

[PrepPal — AI Mock Interview Platform](#)

Mar 2025 – Apr 2025

- Developed an AI interview system that generates questions, evaluates responses and scores users using LLM-based logic. Built full-stack workflows for authentication, session tracking and performance analytics.
- **Tech:** Next.js, shadcn/ui, Gemini API, Neon DB, Node.js

[VibeMatrix — Hybrid Movie & Music Recommendation System](#)

Jan 2025 – Feb 2025

- Designed a unified vector-search engine that embeds movies and music into a shared semantic space using Sentence-BERT. Integrated FAISS for fast similarity search and built ranking logic combining semantic similarity, popularity and recency. Developed a FastAPI backend and an interactive React interface for cross-media recommendations.
- **Tech:** Python, FAISS, FastAPI, SentenceTransformers, React, Node.js

CERTIFICATES

AI/ML Crash Course — Google

Full Stack Web Development — Apna College

LEADERSHIP AND EXTRACURRICULAR

Amazon ML Challenge 2025 — Built a multimodal ensemble using MPNet, ConvNeXt and hybrid fusion for product-price prediction, achieving 47.1% SMAPE on validation and 49.02% on final submission.

GeeksforGeeks — DSA Contributions (2024–2025) — Contributed and verified 160 DSA solutions across arrays, trees, graphs and dynamic programming, improving overall problem coverage during contest cycles.

Smart Delhi Ideathon 2025 — Finalist — Developed *Sumitra*, an AI chatbot for basic healthcare triaging, and presented the working prototype at the finalist showcase at Vigyan Bhawan, New Delhi.