

Purav Kumar

 Github |  LinkedIn |  puravky.me |  puravkumaryadav@gmail.com |  +91 6352598339

PROFILE

Software engineering undergrad with practical experience in full-stack development using various technologies, backed by strong Python skills. Actively exploring machine learning, deep learning, and AI engineering with a focus on building real-world applications.

SKILLS

Languages: Python, JavaScript, C++
AI/ML: Sklearn, PyTorch, HF Ecosystem, GroqAPI
Frontend: Next.js, React.js, TailwindCSS
Backend: Node.js, Express.js, FastAPI
Databases: PostgreSQL, MySQL, Redis
Tools: Git, GitHub, Streamlit, Render

PROJECTS

logPilot - AI-Powered Log Classification

[Link](#)

Built an end-to-end log intelligence pipeline using Sentence Transformers (BERT) for semantic log embedding, regex-based preprocessing, and LLM(DeepSeek) for classification. Served the system via a FastAPI backend for seamless integration into dev workflows.

FinShield - Fraud & Anomaly Detection System

[Link](#)

Trained a LightGBM classifier on highly imbalanced financial transaction data, engineering balance-based features to surface fraud signals. Achieved ROC-AUC of 0.995 and deployed the model as an interactive Streamlit app for real-time risk scoring.

ImageEvo - Neural Style Transfer

[Link](#)

Implemented Adaptive Instance Normalization (AdaIN) in PyTorch to transfer artistic styles onto images in real time. Deployed on Render with a clean interface, letting users stylize any photo with a reference artwork instantly.

EDUCATION

2024 - present	B.Tech in Software at Delhi Technological University	(CGPA: 7.5)
2023	Class 12th, Army Public School, CBSE	(Percentage: 82)
2021	Class 10th, Kendriya Vidyalaya, CBSE	(Percentage: 92)

POSITION OF RESPONSIBILITY

Hospitality Co-Head Led cross-functional teams for Engifest, the annual cultural fest organized by Cultural Council, showcasing strong communication, teamwork and leadership.