Shiven Kumar Shandil

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Education

G.L Bajaj Institute of Technology and Management   **October 2023 - October 2027**
Bachelor of Technology in CSAIML (CGPA of 8.995)   *Greater Noida, Uttar Pradesh*

CBSE Class XII   **2023**
Percentage: 90.8%   *Noida, Uttar Pradesh*

CBSE Class X   **2021**
Percentage: 96.4%   *Noida, Uttar Pradesh*

Projects

AlexNet - Scratch Implementation in PyTorch | *PyTorch* | ○ GitHub   **December 2024**

- Implemented the Deep Learning Research Paper - ImageNet Classification using Deep Convolutional Neural Networks by Alex Krizhevsky (2012) - that introduced the CNN AlexNet
- Deeply Analyzed the paper and understood AlexNet's architecture, well enough to implement it in code from scratch in PyTorch

Xamify | *Phidata, Groq* | ○ GitHub | 🔗 Streamlit | 🌐 Nextjs Web-app | ▶ Demo Video   **February 2025**

- Made multiple AI-agents to analyze syllabus and PYQs of any subject and give out: a unit-wise list of topics with the number of time they occurred in PYQs to highlight the important sections and a model question paper based on important topics analyzed and pattern of PYQs given.
- Used llama-3.xB model api from Groq and phidata's agentic framework to build the core functionalities and deployed on streamlit cloud and on vercel as a nextjs webapp.

Seq2Seq Learning w NNs - Scratch Implementation in PyTorch | *PyTorch* | ○ GitHub   **April 2025**

- Implemented the Sequence to Sequence Learning with Neural Networks (2014) research paper from scratch using PyTorch.
- The paper introduced the Encoder-Decoder architecture for Neural Machine Translation.

Achievements

- Won the hackathon - Infronix'25 @IIIT-D: stood at 1st position among 50+ teams (built SchemEase - an agentic AI solution to finding personalized government schemes for users)
- Top 10 in CubeInnovators hackathon @Tryst'25-IITD: managed to climb up to the top 10 teams in the edtech based hackathon at IITD
- Top 30 @GFG-Hackfest'24: got shortlisted to represent my college at a national level hackathon organized by GeeksForGeeks on FinTech theme.

Profile Links

- ○ GitHub
- Ⓜ Medium
- k Kaggle
- 🐦 X/Twitter

Technical Skills

Languages: Python
Technologies/Frameworks/Libraries: Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, PyTorch, Streamlit, Flask, FastAPI, Beautiful Soup, Langchain, Huggingface Hub