SHIVANSH GUPTA

My Contact

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📍 Kota, Rajasthan

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Skills

- Python | C++ | Java
- Machine Learning
- Deep Learning
- Computer Vision
- Tensorflow
- Pytorch

Certifications

- Supervised Learning: Regression & Classification – *Stanford*
- Advanced Learning Algorithms -*Stanford*
- Unsupervised Learning, Recommender Systems and Reinforcement Learning – *Stanford*
- Generative AI with LLMs - *AWS, Deeplearning.AI*

Projects

- Loss Analysis and Comparative Evaluation of Classification Models on the Iris Dataset
- CogniPet: An Advanced Pet Face Classification System powered by ResNet-50
- Quantitative Analysis of Sentiments in IMDb Reviews: A Text Classification Approach
- GAN-Augmented Data Synthesis for Enhanced Tuberculosis Detection from Sputum Samples using Deep Learning Models (ongoing)

About Me

I am a passionate and dedicated student with great enthusiasm for the world of deep learning and artificial intelligence. With a strong foundation in the theoretical aspects of AI and a desire to make a real-world impact, I am eager to collaborate with like-minded individuals and organizations to explore the uncharted territories of AI, develop cutting-edge technologies, and contribute to the ever-evolving landscape of artificial intelligence.

Educational Background

Vellore Institute of Technology, Vellore
B.Tech. Computer Science and Engineering
2022 – Present (Expected 2026)

- CGPA : 9.47
- Core Member - VITMUNSoc (Ops & Logs)
- Member - IEEE TEMS | Apple Developers Group | The AI-ML Club

Maa Bharti Sr. Sec. School, Kota
2020 - 2022

- CBSE Class XII : 95%
- CBSE Certificate of Merit : Mathematics, English

Modern School, Kota
2017 - 2020

- CBSE Class X : 96.2%
- CBSE Certificate of Merit : Mathematics, English
- State Talent Search Examination : Distinction Certificate

Work Experience

Personifwy | AI Intern
July 2023 - Sept. 2023 (Remote)
During my internship, I implemented a real-time image recognition software with component segmentation, employing RNNs and ResNET-50. Additionally, I enhanced an existing sentiment analysis model through the integration of sequential neural networks, resulting in a substantial 5% accuracy improvement. My work consistently demonstrated precision and loss optimization in project delivery.

One Organization | Co-founder
2020 - Present
Co-founding member of a student-driven NGO based in Rajasthan, I played an instrumental role in establishing an organization dedicated to supporting frontline workers during the COVID-19 pandemic. Our commitment extended beyond the crisis, as we continue to provide vital assistance to underprivileged children, elderly individuals, and animals in need. This experience has honed my leadership, teamwork, and social responsibility skills, reflecting my dedication to making a positive impact in our community.