SNEH KANSAGARA

AI/ML ENTHUSIAST

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SUMMARY

Passionate AI/ML developer with hands-on experience in deep learning, reinforcement learning, and large language models. Skilled in building intelligent systems across domains — from multi-agent orchestration and AI-driven traffic control to generative music and biometric authentication. Experienced in developing end-to-end ML pipelines involving data preprocessing, model training, deployment, and evaluation

PROFESSIONAL EXPERIENCE

AI Developer Intern - Aigetai Private Limited   **June 2025 - July 2025**
- Gained hands-on experience in developing AI and machine learning solutions while strengthening problem-solving and team management skills. Learned project planning, technical implementation, and effective leadership through guiding a team of five members.

PROJECTS

Fingerprint-verification-system
- Built a deep learning-based fingerprint authentication pipeline using Python and Keras, covering feature extraction, model training, and similarity matching for secure identity verification.

Inshorts News Website
- Created a lightweight news summarization platform using DistilBART to convert full articles from News API into 60-word summaries, offering concise, dynamic content delivery.

Jarvis-AI
- Developed a voice-activated AI assistant combining speech recognition, NLP, and external APIs to perform tasks like sending emails, fetching news, and executing system commands.

Multi-Agent
- Created a multi-agent framework where autonomous agents collaborate to complete tasks focused on inter-agent communication, coordination, and modular task execution in AI environments.

Traffic Signal Control (Ongoing)
Under Prof. Rahul Kala, Dept. of IT, IIIT Gwalior
- Designed an AI-powered traffic management system using Deep Reinforcement Learning to optimize signal timings dynamically and reduce congestion in heterogeneous Indian traffic conditions.

SKILLS

- Machine Learning: Supervised & Unsupervised Learning, Deep Learning, Reinforcement Learning
- AI & NLP: LLMs, AI Agents, LangGraph, Cohere API, Text Summarization
- Tools & Frameworks: TensorFlow, PyTorch, Scikit-learn, OpenCV, Flask, Gradio
- Data: Pandas, NumPy, Power BI, Matplotlib, Seaborn
- Programming: Python, C, C++, SQL
- Others: Model Deployment, Data Visualization, Git/GitHub

CERTIFICATES

- **Natural Learning Specialization - DeepLearning.AI**
- **Machine Learning Specialization - Stanford University**
- **Neural Networks and Deep Learning - DeepLearning.AI** •
- **TechKriti - IIT Kanpur**

EDUCATION

Bachelor of Technology in Mathematics and Scientific Computing   **Aug 2024- Aug 2028**
IIIT Gwalior