

Shaurya Thapliyal

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Summary —

Junior Year Computer Science Engineering Student, highly proficient in Python and MLOps seeking to apply technical skills in a collaborative environment. With fast-learning ability and the eagerness to learn new technologies i am able to write clean, efficient and result-driven code.

Skills

Languages Python C++ Javascript
Framework Express.js Node.js React.js
OS Windows Mac Ubuntu

MLOps Langchain Kubeflow HuggingFace
Libraries OpenCV Numpy Pandas Flask Django
ML Libraries Tensorflow Keras SciPy Cuda Scikit-learn

Experience

ONGC Jul 2024 – Aug 2024

Software Developer Intern (Machine Learning)

- Preprocessed and optimized the Flanv2-100k dataset by filtering and deduplication, reducing it to 1,000 samples. Trained the LLaMA2-7B model using this refined dataset, enhancing model efficiency and accuracy.
- HuggingFace Repository of filtered and deduped dataset: flanV2-100k-filtered
- HuggingFace Repository of llama2-1k trained dataset: llama2-1k

Education

Vellore Institute Of Technology, Bhopal

Bachelors in Computer Science with spl. in AI and ML

Delhi Public School, Indirapuram

Delhi Public School, Indirapuram

CGPA: 8.4

Oct 2022 - present

XIIth CGPA: 8.8

Xth CGPA: 9.2

Certifications

- Applied Machine Learning in Python (Michigan University) [Coursera]
- The Ultimate 2024 Full Stack web development Bootcamp [Udemy]
- Python Essentials [Vityarthi]
- Python (Basic) [HackerRank]
- CSS (Basic) [HackerRank]
- Privacy and Security in Online Social Media [Nptel]

Achievements

- NTSE Stage 1 Qualified
- NSUT Hackathon - Rank 5
- 5 Star in Python (HackerRank)
- 4 Star in Problem Solving (HackerRank)
- 2 Star in SQL (HackerRank)
- 100 Days of Code (Leetcode) - Ongoing

Projects

Saraswati Chatbot

- A web-based chatbot utilizing Large Language Models (LLM) to provide contextually relevant and accurate responses to user prompts.
- We boosted the Llama 2 model's token size by 1,000 tokens over ChatGPT 3.5's 4,096-token limit, achieving a 24.4% increase.
- GitHub Repository: Saraswati-AI

iNotebook

- A MERN stack web application designed for note-taking.
- GitHub Repository: iNotebook

Pandora

- A desktop assistant application designed to automate daily tasks such as sending emails and conducting Google searches, enhancing productivity and efficiency.
- GitHub Repository: Pandora

Bibliotheca

- Built a minimalistic language-learning app that allows word translation, meaning lookup, and semantic analysis using offline data storage.
- GitHub Repository: Bibliotheca