

Saurabh Sanyam Jaiswal

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EDUCATION

Indian Institute Of Information Technology (IIIT Kalyani, WB)

Bachelor of Technology in Computer Science and Engineering

S.R.S. Vidya Mandir

Std. VII - XII

2019 - 2023

Kalyani, West Bengal

2012 - 2018

Forbesganj, Bihar

SKILLS

Languages: C/C++, Python, SQL, Java, HTML/CSS, JavaScript

Developer Tools: Jupyter Notebook, Google Colab, Git, Github, VS Code, Dev C++, MySQL, MongoDB

Libraries: React.js, Express.js, Langchain, Pytorch

CourseWork: DSA, DBMS, OS, OOPS, Networking, System Design

WORK EXPERIENCE

CodSoft, React Developer (Remote)

Jan. 2024 - Feb.2024

- Spearheaded development efforts on multiple small-scale projects and contributed to website management.

Pose Detection Model(FreeLance)(PyTorch, CNN)

June. 2024 - Aug. 2024

- Contributed in developing a pose detection model using PyTorch and Implemented transfer learning techniques utilizing pre-trained models such as VGG16 and ResNet.
- Conducted extensive research and applied state-of-the-art methodologies by reviewing recent research papers like MPII Human Pose, PCT (swin-l, test set), COCO test-dev, ViTPose..

PROJECTS

- Trained a **LoRA Parameter Efficient Fine Tuning (PEFT)** adapter to fine tune a FLAN-T5 LLM model which effectively summarizes customer service conversations with a RougeLsum score of 0.339

- Used Reinforcement Learning with feedback from Meta AI's RoBERTa based hate speech reward model to fine-tune a FLAN-T5 model to generate less toxic summary of reddit posts by training a PEFT LoRA adapter

WristWearVault(React,JavaScript, HTML, CSS)

- Created a **commercial website for watch collections** with a smooth, responsive frontend.

Movie Engine Interface(React,JavaScript, HTML, CSS)

- Developed an interactive **movie search interface** with integrated APIs for real-time, user-driven search results.

Gemini-GPT(React, Vite, JavaScript, HTML, CSS)

- Built a **clone of Gemini AI**, showcasing expertise in modern frontend development with **Vite** for optimized performance.

Frontend-Projects repo, (JavaScript, HTML, CSS)

- Made a github repository of awesome frontend projects, that can be a guidance to beginner frontend developers as well as showcase my experience. It contains several projects like - **Gemini-GPT, Developer Portfolio, To-do list ,NoteIt App, Covid-19 Awareness Interface, Image Search Website.**

NLP - Powered Food Delivery App("Chotu-Bot"), (Dialogflow, FastAPI, MySQL, Python)

- Spearheaded the development of a Natural Language Processing (NLP) powered chatbot using Google Dialogflow and fast API in backend, boosting customer satisfaction by 20% for a food delivery website.

CERTIFICATES AND COURSES

[Generative AI with Large Language Models](#)

[Data Structure and Algorithm in Python](#)

EXTRACURRICULAR & INTERESTS

Part Time Tutor(competitive Exams eg. JEE , DU)

Class Representative(2019-20)

Interests: anime; poetry; cooking; sketching; leetcode