Saurabh Sanyam Jaiswal

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EDUCATION

Indian Institute Of Information Technology (IIIT Kalyani, WB)   **2019 - 2023**
Bachelor of Technology in Computer Science and Engineering   *Kalyani, West Bengal*

SKILLS

Languages: C/C++, Python,JavaScript, SQL, Java, HTML/CSS, MongoDB
Developer Tools:Git, GitHub, VS Code, Jupyter Notebook, Google Colab
Frameworks & Libraries: React.js, Next.js, Mongoose ,Pytorch , TailwindCSS
CourseWork: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs), System Design, DBMS

WORK EXPERIENCE

CodSoft, *React Developer (Remote)*   **Jan. 2024 - Feb.2024**
- Led development for small-scale web projects, ensuring responsive design and user-centric features.

Pose Detection Model(FreeLance)(*PyTorch , CNN***)**   **June 2024 - July 2024**
- Contributed in development of 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..

Research Collaborator *(Freelance, Python)*   **Sept 2024 - Nov. 2024**
- Collaborated remotely with a psychology researcher on children's mental health studies from Chongqing, China, conducted data analysis, and revised over 40,000 words for manuscript preparation.

PROJECTS

WristWearVault*(React,JavaScript, HTML, CSS)*
- Created a fully responsive commercial website for watch collections with smooth UI/UX.

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)*
- Published a repository featuring diverse 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 Diaglogflow 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 Educator*(competitive Exams eg. JEE , DU)*
Class Representative*(2019-20)*
Interests: *anime; poetry; cooking; sketching; leetcode*