

Saurabh Sanyam Jaiswal

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EDUCATION

Indian Institute Of Information Technology (IIIT Kalyani, WB)

Bachelor of Technology in Computer Science and Engineering

2019 - 2023

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

[MyAniBase \(GitHub\)](#) (React, JavaScript, HTML, CSS)

- Designed and built a responsive web application, integrated the Jikan API to fetch real-time anime data, utilized React Router for navigation and Context API for efficient global state management, enhancing user experience.

[WristWearVault \(GitHub\)](#) (React, JavaScript, HTML, CSS)

- Created a fully responsive commercial website for watch collections with smooth UI/UX.

[MovieLand \(GitHub\)](#) (React, JavaScript, HTML, CSS)

- Developed a fully functional movie search interface that processed real-time queries, allowing for a 20% increase in user retention and establishing a foundation for future enhancements in user-driven features.

[Gemini-GPT \(GitHub\)](#) (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.**

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)