Kumar Satyam

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EDUCATION

Calcutta Institute of Technology   Kolkata, india
Bachelor of Technology in Computer Science: 8.86/10   *Dec. 2020 – Jul. 2024*

Paramount Academy Tarapur   Munger, India
Intermediate Percentage: 67.6   *May. 2017 – July. 2019*

Paramount Academy Tarapur   Munger, India
CBSE X CGPA: 9.6/10   *Jun. 2016 – Apr. 2017*

PROGRAMMING SKILLS

- **Languages**: C, Python, Java, SQL

- **Databases**: Oracle, MySQL

- **Technologies**: Git, Github, React

- **Area of Interest**: Data Structure, Algorithm, Machine Learning

EXPERIENCE

StackUp   Remote, India
Freelancer   *Oct 2022 - Present*
- Applied technologies such as React, Node.js, Blockchain, NFTs, GraphQL, and more through practical projects.
- Developed and contributed to open-source projects, enhancing problem-solving skills and hands-on experience.
- Collaborated with a global community to implement innovative solutions and share knowledge.
- **Filecoin Network:** Worked on Filecoin Network to Implement storage solutions using the Filecoin decentralized storage network.
- **Foundry Demo:** A demonstration project using Foundry for smart contract development.
- **Streamlit:** Created data applications using Streamlit.

PROJECTS

Sign Language Detection Model
Technologies: OpenCV, Random forest, HTML, Javascript, CSS, Firebase
- Implemented state-of-art **Sign Language Detection Model**, reducing translation time by 70 percent and enabling real-time translation for deaf individuals.
- Successfully completed Project to convert sign language to text/speech and vice-versa.
- Project uses ML and projecting model through web interface primarily.

Netflix Clone
Technologies: HTML, CSS, Netlify, github
- Successfully developed a Netflix clone web application as part of a personal project, aimed at replicating the user experience and functionality of the popular streaming service.

ACHIEVEMENTS

- Achieved consolation prize at **TechExpo-23** on Sign Language Detection Model.

- Successfully participated in an event code battle organised during annual tech fest(**KSHITIJ**) of IIT KGP.

- Secured 1st prize at district level science exhibition on Battery-powered train model.

POSITION OF RESPONSIBILITY

- **Head Boy**, Student Council(2016-17) Chaired the school student council raising the concerns of the students in front of the school administration.

- **Event Organizer** for events in Techstacy 2023, the Cutural Fest of calcutta institute of technology, TechExpo-23, the Technical Fest of calcutta institute of technology.