SARTHAK TIWARI

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ABOUT

- Proficient in C++, SQL, Data Structures, and Algorithms, specializing in crafting efficient solutions. Skilled in presenting complex data through attention to detail approach towards the work. Demonstrates strong analytical and problem-solving skills in fast-paced development environments. Eager to leverage expertise as a Software Development Engineer, contributing to innovative solutions and driving product excellence.

EDUCATION

- **B.TECH**   **Dec/2020 - Jul/2024**
  Computer Science & Engineering,
  Maharaja Surajmal Institute of Technology, **IPU**
  CGPA score: **9.17**
- **XII | SCIENCE**   **Sept/2020**
  S.B.V. Tilak Nagar Govt. School,
  CBSE percentage: **92%**

TECHNICAL SKILLS

- **Programming Languages:** Proficient in C++, Python, and JavaScript, HTML, CSS(SASS), React.Js framework. Familiar with Java.
- **Database:** MySQL, DataBase Management System
- **Software:** VS code, Git/Git hub, Strapi API, Microsoft Office, Stripe, Figma,
- **Others:** Analytical skills, APIs, Web designing, Communication skills, Business Intelligence, Hands on Machine learning.

WORK EXPERIENCE

Omkar Traders   **Sept/2023 - Oct/2023**
Web Developer
- Worked as a Full-stack Developer during a 6-week summer internship, creating an E-commerce website.
- Incorporating Strapi API & React.Js framework for front-end & back-end development.
- Responsible for attractive designing that drove the project and using stripe payment gateway to handle online transactions. LINK

Exposys Data Labs   **Jun/2022 - Jul/2022**
Web Developer
- Led a primary project focused on developing a E-learning web application.
- Designed front-end side of the project using HTML,CSS JavaScript.
- This project led to develop my knowledge in the Web development domain . LINK

TECHNICAL PROJECTS

SoulStack   **LINK**
(React.Js, Sass, Node.js, Strapi, Stripe)
- Deployed a dynamic E-commerce platform with a user-friendly interface using React.js.
- Implemented stylish and responsive design with Sass for enhanced user experience.
- Leveraged Node.js for server-side functionality and efficient API integration with Strapi.
- Integrated secure payment processing using Stripe to facilitate seamless transactions.
- Employed Git for version control, ensuring collaborative development and code management .

SignAsto   **LINK**
Machine Learning
- Created a machine learning project that detects hand signs and displays the corresponding alphabet using sign Language information datasets.
- Utilizing landmark detection algorithms and Convolutional Neural Networks (CNN) for image processing and Natural Language Processing (NLP).
- Implemented with Python, leveraging OpenCV for computer vision tasks and cvzone for streamlined development.

LearningExpo   **LINK**
(HTML, CSS, JavaScript)
- Engineered an E-learning web application platform through the use of web technology.
- Utilized HTML,CSS, Javascript and relevant frameworks to build the front-end components.
- User-friendly and responsive interfaces and features to enhance the learning experience.

EXTRA-CURRICULAR

- Placement-Coordinator & Class-Representative of CSE 2020-24 batch of MSIT.
- **CORE** member & Photography Department **Lead** in **Prakriti- NSS MSIT**.
- Fitness - Sports- Member of Modelling crew of **Ethos**-The faishon society of MSIT.
- Picture, Video editing & content creation.