

Parichay Sengupta

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GitHub: <https://github.com/Parichay02>

Career Objective.

Driven towards Frontend Development and exploring new technologies. Passionate about AI/ML and Gen AI.

Skills

Frontend: React.js, HTML, CSS, JavaScript, Tailwind CSS, Chart.js, Responsive Design, CSS Flexbox, React Hooks, UI/UX Design.

Concepts: OOP, DBMS, SQL, Java, DSA.

Data Visualization: Power BI, seaborn, matplotlib

Backend & Data Processing: Numpy, pandas, SQL

AI/ML: TensorFlow, Keras, OpenCV, CNN, BLSTM

Tools & Platforms: Google Colab, Jupyter Notebook, Git, GitHub, Power BI Desktop, VS Code

Education

B.Tech in Computer Science & Engineering

Future Institute Of Engineering & Management, Kolkata, India

2021 – June 2025 | CGPA: 8.03 (up to 8th semester)

Indian School Certificate (ISC) – The Modern Academy | 2021 | 86%

Indian Certificate of Secondary Education (ICSE) – Ram Mohan Mission Hgh School | 2019 | 89.8%

Projects

Image-to-Text OCR Web App – 2024

- Built a responsive React.js frontend with Tailwind CSS.
- CNN-BLSTM model (CTC Loss) trained on IAM dataset using TensorFlow.
- Integrated Flask backend with REST APIs; achieved 92% accuracy.

Weather App with Data Visualization – 2023

- React.js app using OpenWeatherMap API and Chart.js for temperature trends.
- Suggested outfits based on JavaScript logic and API fetch results.

Certifications

- Web Development (MERN Stack) – Angela Yu, Udemy
- Java DSA Masterclass – Udemy
- SQL Basic – HackerRank
- Java Basic – HackerRank
- Deep Learning with TensorFlow – Ardent Computech

Awards & Activities

- Two-time Hackathon Participant (AI-driven web apps)
- Winner, College Riddle Solving Competition