

Sagar Patra

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SUMMARY:

Front-end development enthusiast eager to expand skills into backend development, poised to contribute innovative solutions in the tech sector.

TECHNICAL SKILLS:

- **Frontend:** HTML, CSS, React.js.
- **Database:** MySQL
- **Programming Languages:** JavaScript, Python

PROJECTS:

1. Weather App - [Link](#)

Tech Stack: React.js, HTML, CSS, JavaScript, OpenWeatherMap API.

- Created a React.js weather app for real-time updates based on user location. Integrated OpenWeatherMap API seamlessly with native fetch for data retrieval. Designed intuitive UI with React components styled in CSS.

2. Email Validator - [Link](#)

Tech Stack: HTML, CSS, JavaScript, emailvalidation.io API.

- Developed an email validation app with HTML, CSS, and JavaScript, utilizing the emailvalidation.io API for accurate email verification. Designed an intuitive interface for real-time validation results..

3. Chrome-Like Dinosaur Game

Tech Stack: Python, pygame

- Developed an interactive game reminiscent of the Chrome dinosaur game using the Pygame library in Python. Created engaging animations and graphics to enhance the gaming experience, featuring smooth movements and dynamic obstacles.

4. Handwritten Signature Matching System

Tech Stack: Python, OpenCV, skimage metrics, Tkinter

- Developed a signature matching system in Python using cv2 (OpenCV), Tkinter, and skimage.metrics libraries. The system compares two handwritten signatures and calculates the percentage match between them. Implemented a user-friendly interface with Tkinter for inputting signatures and displaying match results.

Certificates and Courses:

- Introduction to Web Development with HTML, CSS, JavaScript
- Programming With Python
- Blockchain Basics
- Software Testing
- Business Intelligence and Data Analytics

EDUCATION:

Chandigarh University, Punjab | Bachelor's Degree in Computer Science Engineering | August 2020 to May 2024.

Kendriya Vidyalaya No:2 Kharagpur, West Bengal | Senior Secondary | Computer Science | April 2018 to March 2020