Sourav Kumar Mahato

souravmahato4383@gmail.com   +91-7047224383   LinkedIn   GitHub

Technical Skills

Languages: C/C++, Python, Java

Web Technologies/Frameworks: HTML, CSS, Django, React.js

Developer Tools: Visual Studio, VS Code, IntelliJ, Git, GitHub

Database Management: SQL, MySQL, PostgreSQL

Project

ExTrack — ReactJs, TailwindCSS, PostgreSQL, Django   *Sept 2024 – Nov 2024*

- Built a full-stack expense tracker web application with features to manage, categorize, and visualize user expenses.
- Designed a responsive and user-friendly interface using React and TailwindCSS, ensuring consistent performance across devices.
- Developed RESTful APIs using Django for robust backend logic and PostgreSQL for secure and scalable data storage.
- Integrated chart visualizations using Chart.js to help users better understand their financial patterns.

Career Path Recommender System — HTML, CSS, Scikit-Learn   *Mar 2024 – Apr 2024*

- Developed a machine learning-driven recommendation model using Scikit-Learn to suggest personalized career paths based on user inputs.
- Designed an interactive and user-friendly interface with a responsive layout, ensuring seamless accessibility across different devices.
- Built the front-end using HTML and CSS, focusing on intuitive navigation and enhanced user engagement.
- Implemented a CSV-based dataset handling mechanism to train and test the model effectively with real-world-like data.

Water Pollution Website — HTML, CSS, Django   *Mar 2023 – Apr 2023*

- Developed an informational website highlighting water pollution, its causes, and environmental impacts, with engaging visuals and structured content.
- Designed a fully responsive layout with intuitive navigation and interactive elements for an enhanced user experience.
- Ensured seamless accessibility across devices, optimizing usability for both desktop and mobile users.
- Added an interactive feedback form powered by Django to collect user opinions and suggestions.

Certifications

Cloud Computing - NPTEL   *Jul 2024 – Oct 2024*
Issued by: IIT Kharagpur

Full Stack with Java   *Jun 2024 – Jul 2024*
Issued by: IBM

Achievements

- Solved 80+ problems on **LeetCode**, showcasing strong skills in data structures and algorithms.
- Earned **5-star ratings** in **Problem Solving**, **Python**, **Java**, and **C++** on **HackerRank**.
- Won an **Esports LAN tournament** at campus, demonstrating teamwork, strategic thinking, and competitive spirit.

Education

Lovely Professional University	*Phagwara, Punjab*
B. Tech, Computer Science, CGPA: 5.9	*2022 – Present*
Gayatri Shiksha Niketan	*Adityapur, Jharkhand*
Intermediate	*2019 – 2021*
D.A.V Public School	*Pandaveswar, West Bengal*
Matriculation	*2018 – 2019*