DIPANJAN KARMAKAR

Frontend / Web Developer

✉️ sk1748@gmail.com | 📱 +91 9593374556
📍 Kalyani, Nadia, West Bengal, India
🔗 LinkedIn: https://www.linkedin.com/in/dipanjan-karmakar-720b54321

PROFESSIONAL SUMMARY

Aspiring **Full Stack Developer** and Computer Science Engineering undergraduate with strong foundations in **frontend development (HTML, CSS, JavaScript, React.js)** and a growing backend mindset. Experienced in building responsive, user-centric web applications with clean UI, efficient state handling, API integration, and browser storage. Actively expanding skills toward backend technologies to become a well-rounded full stack engineer and seeking opportunities that encourage learning, problem-solving, and real-world impact.

TECHNICAL SKILLS

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js
- **Backend (Learning):** Node.js, Express.js (Basics)
- **Programming:** C, C++, Python
- **Databases (Learning):** MongoDB (Basics)
- **UI & UX:** Responsive Design, Mobile-First Design
- **Tools & Platforms:** Git, GitHub, Netlify, VS Code
- **Web Concepts:** DOM Manipulation, LocalStorage, API Integration, State Management

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LINKS

🔗 **GitHub:** https://github.com/98180883
💻 **Portfolio Live :** https://98180883.github.io/portfolio/

PROJECTS

Portfolio Website (Personal Branding Project)

Technologies: HTML, CSS, JavaScript

- Designed and developed a modern, fully responsive personal portfolio website.

- Implemented a **hamburger menu** for smooth mobile navigation.

- Added **Dark Mode toggle** with user preference persistence using **LocalStorage**.

- Built mobile-first layouts ensuring cross-device compatibility.

- Focused on accessibility, clean UI, and performance optimization.

🔗Live Demo: https://98180883.github.io/portfolio/

Weather & AQI Application

Technologies: React.js, OpenWeather API

- Developed a real-time weather and air quality monitoring application.
- Integrated OpenWeather API to display accurate weather and AQI data.
- Implemented **keyboard support (Enter key)** for better accessibility.
- Added **dynamic background images** based on weather conditions.
- Stored **last searched city** using browser storage.
- Fully responsive design optimized for mobile and desktop.

🔗Live Demo: https://accurate-weather-aqi.netlify.app/
🔗GitHub: https://github.com/98180883/Accurate-Weather.git

Frontend E-Commerce Website

Technologies: HTML, CSS, Vanilla JavaScript

- Built a fully functional e-commerce website without using any frameworks.
- Implemented product listings, cart functionality, and dynamic UI updates.
- Focused on clean layout, responsive design, and smooth user interactions.

🔗Live Demo: https://enggdigital.netlify.app
🔗GitHub: https://github.com/98180883/ecommerce-website.git

Simple Calculator Application

Technologies: HTML, CSS, JavaScript

- Developed a responsive calculator supporting basic arithmetic operations.
- Added **keyboard input support** for improved usability.
- Displayed last calculated result and optimized UI for all screen sizes.

🔗Live Demo: https://calculate-simple.netlify.app/
🔗GitHub: https://github.com/98180883/calculator-app.git

EDUCATION

B.Tech in Computer Science & Engineering
Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal
2024 – 2028 (Ongoing)

INTERESTS

Web Development | UI/UX Design | JavaScript Logic Building | Programming Languages

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LANGUAGES

- English (Proficient)
- Bengali (Native)

DECLARATION

I hereby declare that all the information stated above is true and correct to the best of my knowledge.