NILAY NAHA

+91 9749654480 ◇ Jalpaiguri, West Bengal

niloynaha2003@gmail.com ◇ linkedIn ◇ Portfolio ◇ GitHub

SUMMARY

Creative Front-End Developer with a strong foundation in **HTML, CSS, and JavaScript**, and a passion for building responsive, user-centric web applications using **React**. Proficient in translating designs into high-quality code and developing interactive user experiences. Possesses strong logical problem-solving skills, with a proven ability to write efficient JavaScript code from scratch.

INTERNSHIP EXPERIENCE

Industrial Training – 3D Printing and Additive Manufacturing Technology   June 2025 - July 2025
Center for Development of Advanced Computing (C-DAC)   *Siliguri*

- **Analyzed** and **tested** new rapid prototyping workflows in a hands-on, expert-led industrial training program.
- **Collaborated** with a technical team to **troubleshoot** and **debug** system-level challenges, applying analytical skills to **support** the development of practical solutions.

PROJECTS

quicktype-pro - Web Application (View Project)

- **Engineered** a modern, feature-rich typing speed test website with a focus on delivering an interactive and responsive user experience.
- **Implemented** complex client-side logic in vanilla **JavaScript** to calculate real-time metrics like WPM and accuracy, demonstrating strong problem-solving and algorithmic thinking.
- **Technologies:** HTML5, CSS3, JavaScript

Weather Website - Web Application (View Project)

- **Developed** a dynamic, single-page application that fetches and displays real-time weather data by **integrating** a third-party REST API.
- **Utilized** asynchronous **JavaScript** (Fetch API) to handle API calls and dynamically update the DOM without page reloads, creating a seamless user experience.
- **Technologies:** HTML5, CSS3, JavaScript, REST APIs

Additional Projects: Developed several desktop applications including **PyPass Manager** (Python/Tkinter) and **PyPlay Media Player** (Python/PyQt5), along with other web and mobile projects. (View All Projects)

SKILLS

Front-End Development	React, JavaScript (ES6+), HTML5, CSS3, TypeScript
Developer Tools	Git, VS Code, Chrome DevTools, Lighthouse
Core Concepts	Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)
Other Languages	Python, C, SQL (MySQL)

EDUCATION

Bachelor of Technology in CSE (AI and ML), Siliguri Institute of Technology   Expected 2026
Current CGPA: 7.29
Diploma in Computer Science and Technology, Siliguri Govt. Polytechnic   2023
CGPA: 8.4