SAHNIK BISWAS
FullStack Web Developer

Karimpur, West Bengal 741165
Ph: +91 7407902174   Mail: tb123983@gmail.com

PROFESSIONAL SUMMARY

Skilled in **API integration, responsive design, and Firebase-powered backend solutions**, with expertise in **TypeScript, Firebase, and UI/UX principles**. Optimized web performance to enhance user engagement and load times. A problem-solver with a collaborative approach, focused on building **scalable, user-centric solutions** that improve workflows and accessibility.

WEBSITES, PORTFOLIOS, PROFILES

- http://www.sahnik.tech

WORK HISTORY

02/2025 to 03/2025 **Full-Stack Developer**
TherapyU – Barasat, West Bengal
- Developed functional databases, applications and servers to support websites on back-end
- Integrated third-party APIs to enhance functionality and improve overall user experience on web platforms
- Reduced page load times by optimizing front-end assets such as TypeScript files, stylesheets, and images
- Reviewed code, debugged problems, and corrected issues
- Used Firebase to manage database
- Enhanced user experience by developing and implementing a responsive front-end interface for web applications

EDUCATION

03/2023 to Current **B.Tech**: **Computer Science**
Adamas University - Barasat

01/2021 to 01/2023 **Higher Secondary & Secondary**
Mahishbathan Manoj Mohan Vidyamandir - Mahishbathan, Nadia

ACCOMPLISHMENTS

- Google Developers Student's Club Certified
- RCIIT Smart Bengal Hackathon Finalist
- Innofusion - 1.0 Finalist
- Level SuperMind Finalist (Mumbai)
- 3rd Place - Upskill Mafia

PERSONAL DETAILS

Date of Birth: 18/12/2004   **Nationality:** Indian
Gender: Male   **Religion:** Hindu

LANGUAGES

Bengali   English   Hindi

SKILLS

- C++
- Fullstack
- Javascript
- API integration
- Prompt Engineering
- Project management
- Java
- React
- Firebase
- Typescript
- Langflow

SOCIAL

Github : https://github.com/Sahnik0
LinkedIn: https://www.linkedin.com/in/sahnik-biswas

PROJECTS

Lexishift [lexishift.vercel.app]
A dyslexia friendly LexiShift helps individuals with dyslexia by making reading, learning, and communication easier. It provides tools like a PDF converter with dyslexia-friendly fonts, an AI therapist for constant support, a supportive community, a digital library, and an interactive learning platform. It also connects users with therapists through LexiCare, ensuring they get the right help when needed. The project aims to remove barriers and create a more inclusive digital space for dyslexic individuals.

Team-Up [team-up-fldl.vercel.app]
A hackathon teammate-finding platform that connects developers based on skills and project needs.
• Implemented AI-driven recommendations, matching users with the most relevant teammates based on expertise and project compatibility.
• Built a real-time group chat & collaboration system, enabling seamless communication before and during hackathons.

Stud-Bud [stud-bud-rust.vercel.app]
An AI-powered educational platform integrating the Gemini API for text-based note generation and AI tutoring. Implemented YouTube-based lecture recommendations and a social learning system, allowing users to connect, challenge friends, and compete in quizzes. Designed and optimized an interactive leaderboard system and credit-based reward mechanism, enhancing user engagement and retention. Built using TypeScript, Firebase, and modern UI/UX principles to ensure seamless performance and scalability

Adivote [adivote.vercel.app]
A web-based voting application built for **class CR** with Firebase, TypeScript, and modern web technologies to facilitate secure and efficient online elections. It includes authentication, role-based access, real-time results, and an admin dashboard for election management.