Bibek Roy

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EDUCATION

B.Tech in Computer Science & Engineering   2023–2026
Central Institute of Technology, Kokrajhar
Current CGPA: 7.91

Diploma in Computer Science & Technology   2019–2022
Siliguri Government Polytechnic, Siliguri
OGPA: 8.3

Matriculation   2019
Sarada Vidya Mandir, Jalpaiguri
Percentage: 76.42

SKILLS

Programming Languages: Python
Frontend: HTML, CSS, JavaScript
Backend: JavaScript, Node.js, Express.js
Frameworks: React.js, TailwindCSS
Tools: Git, GitHub, Firebase

PROJECTS

- **User Profile API:** RESTful API using Node.js and Express.js for managing user profiles with JWT authentication and MongoDB storage.
- **Movie Browser:** React + Tailwind CSS app fetching movie data from TMDB API.
- **Login/Signup System:** Firebase authentication with Google Sign-In, email verification, and session management.
- **Personal Portfolio:** Portfolio site built with HTML, CSS, and JavaScript.
- **Responsive NGO Website:** React + Tailwind CSS site with organization info and contact forms.
- **Netflix Clone:** Responsive front-end clone of Netflix UI using HTML and CSS.

EXPERIENCE

Summer Research Intern — IIT Guwahati (CLST)   *Jun–Jul 2025*

- Worked on **Neural Machine Translation (NMT)** from Assamese to English using a **Bi-GRU sequence-to-sequence model**.

Open Source Contributions

- **JWoC 2024:** Contributed to open-source projects under Jalpaiguri Engineering College.
- **SWoC 2024:** Participated in Social Summer of Code, contributing to community-driven projects.

Freelance Projects

- Developed an **admin panel** for a water supply agency using React, Tailwind CSS, and Firebase for data visualization and task management.