

Bibek Roy

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EDUCATION

B.Tech in Computer Science & Engineering

Central Institute of Technology, Kokrajhar
Current CGPA: 7.91

2023–2026

Diploma in Computer Science & Technology

Siliguri Government Polytechnic, Siliguri
OGPA: 8.3

2019–2022

Matriculation

Sarada Vidya Mandir, Jalpaiguri
Percentage: 76.42

2016

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.