

Soumyajit Datta

9330912385 • soumyajitdatta1234@gmail.com • <https://github.com/soumyajit73>

SUMMARY OF QUALIFICATIONS

- Hands-on experience in backend development in various projects
- Actively improving problem-solving skills by practising DSA on LeetCode and GeeksforGeeks.

EDUCATION

Netaji Subhash Engineering College

Bachelor of Technology, Computer Science

Kolkata, West Bengal

July, 2026

CGPA: 7.5/10

RELEVANT COURSEWORK

Software Engineering, Web Development, Database Management

TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript, Node.js, Express.js
- **Databases:** MySQL
- **Operating Systems:** Windows
- **Tools & Software:** MS Word, PowerPoint, Canva

PROJECT EXPERIENCE

1) Shabdh.AI – Real-time Sign Language Translator:

Tech Stack: Web Sockets, Node.js, Express.js, TypeScript, Django

A video conferencing app that translates Indian Sign Language (ISL) gestures into real-time text & speech using AI and computer vision. It enables seamless communication for the deaf and hard of hearing, achieving 90%+ accuracy in ISL translation through WebSocket-based real-time gesture recognition.

2) Fake Shield – Deepfake Image Detection

Tech Stack: JavaScript, Node.js, SQL

An AI-powered tool that detects manipulated images and deepfakes with 95% accuracy, ensuring media authenticity. It leverages machine learning to analyze facial features and patterns, distinguishing real images from fakes.

3) Alzheimer's Detection System

Tech Stack: Node.js, MySQL

A backend API that uses brain CT scans and machine learning to detect signs of Alzheimer's. The system integrates a pre-trained model (.pkl) for real-time analysis, achieving 90% accuracy in early detection, with patient data securely managed in MySQL.