

TANUSHREE PAUL

Software Developer

Passionate about building innovative, efficient, and scalable solutions to solve real-world problems using cutting-edge technologies.

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Education

Gulmohur High School

Secured 89 in Secondary Education and 81 in Higher Secondary

Jamshedpur, Jharkhand

March 2007 - June 2022

Bachelor of Technology in Computer Science

Current CGPA: 7.44

Asansol, West Bengal

June 2022-June 2026

Technical Skills

Languages: Java, C, HTML/CSS, JavaScript

Developer Tools: VS Code, Eclipse, IntelliJ, Firebase, Git, Github

Technologies/Frameworks: Node, Express, React, Tailwind CSS, Bootstrap, MongoDB, Firebase Real-time database

Technical Subjects: Data Structures and Algorithms, Object Oriented Programming

Experience

Robotics Club

November 2023 – Present

Event Management Lead, CP Lead

Asansol, West Bengal

- **Organized and led events:** Successfully planned and executed **workshops, portfolio making competitions**, and **TED talks**.
- **Team Leadership:** Collaborated with team members to design event strategies and manage programs effectively.
- **Community Engagement:** Created a supportive environment for peers to enhance their skills and gain valuable experiences.
- **Event Multimedia and Problem Solving Lead:** Spearheaded multimedia content creation, problem-solving activities, and event management within the club.

Projects

Upashaya | *A medical record keeping system using Blockchain.*

April 2024

- **Description:** Developed a secure medical record-keeping system where patient data is stored on **Blockchain**, ensuring **tamper-proof records**.
- **Functionality:** Implemented a system that requires agreement from the **patient, hospital, and Insurance Agency** to access the medical records.
- **Role:** Worked as a Frontend Developer on the project. Utilized Tailwind CSS and JavaScript for building the website.
- **Skills Demonstrated:** Showcased proficiency in **frontend development**, UI design, and integrating blockchain technology into healthcare systems.
- **Achievements:** Successfully created a **secure and collaborative platform** for managing patient medical records.

Speak2Sign | *Conversion of audio and visual content to Indian Sign Language.*

September 2024-Present

- **Description:** Developed a platform to **translate audio and visual content into Indian Sign Language**.
- **Features:** Created a fully **responsive website** with a dashboard for content translation.
- **Authentication:** Implemented successful user authentication using Firebase for secure access.
- **Technologies Used:** Utilized **Tailwind CSS** and **JavaScript** for website development and **Firebase** for authentication.
- **Skills Demonstrated:** Proficiency in **frontend development**, user **authentication**, and accessibility features for sign language translation.
- **Achievements:** Successfully built a platform **bridging communication gaps** through sign language translation.

Achievements

- Solved more than **150 questions** in leetcode.
- **Technova National Competition:** - Won the national competition **Technova**, a prestigious national-level project exhibition.
- **Inter College Hackathon - Hack-O-NiT:** - Secured **5th Position** in the inter college Hackathon - Hack-O-NiT held at Narula Institute of Technology.
- **AEC Fiest Event - Tame Shark Tank:** - Won the **first prize** at AEC Fiest event named **Tame Shark Tank**.
- **Intra College Hackathon:** - Secured **6th Position** in the Intra College Hackathon.